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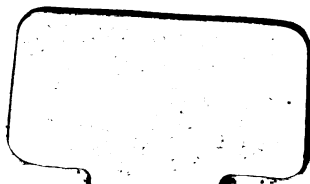
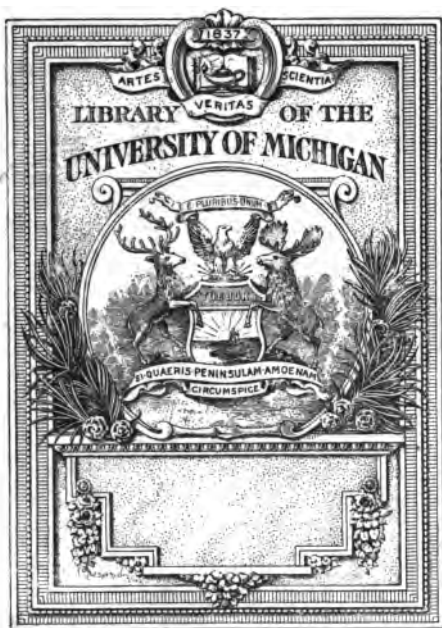
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*David Ross,*

SECRETARY.

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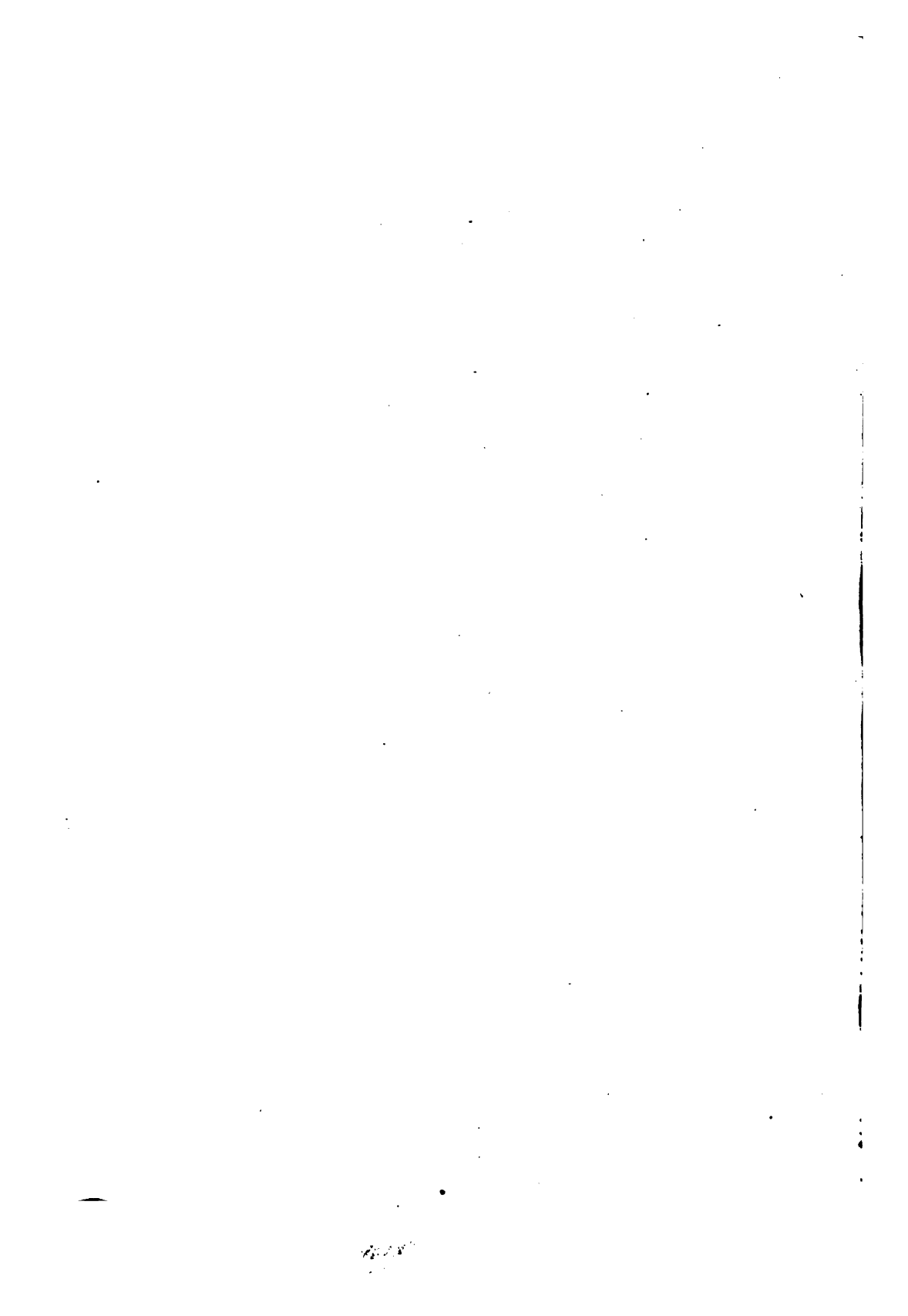
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# Fourteenth Biennial Report

OF THE

## Bureau of Labor Statistics

OF THE

## STATE OF ILLINOIS

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1906

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1908

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DAVID ROSS, *Secretary*,  
SPRINGFIELD.



## LETTER OF TRANSMITTAL.

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STATE OF ILLINOIS,  
STATE BUREAU OF LABOR STATISTICS.

*Honorable Charles S. Deneen, Governor of Illinois:*

SIR—In compliance with the Act creating this bureau, the Board of Commissioners of Labor herewith submit the fourteenth biennial report.

Very respectfully,

DAVID ROSS,  
*Secretary.*





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**PART I,**  
**MANUFACTURES OF ILLINOIS.**

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1. The first part of the document is a list of the names of the persons who were present at the meeting.

## SUBJECTS OF THE REPORT.

This is the fourteenth biennial report of the Bureau of Labor Statistics and contains two parts.

Part I is a continuation of the statistics of manufactures in Illinois for the year 1904, collected by the census office at Washington, D. C., and received too late for publication in the thirteenth report of this bureau.

Part II consists of a special report on working women in manufactories in Illinois, relating primarily to wages and conditions under which they are employed in the several industries considered. In addition to these, statistics are presented, as to age, nativity, schooling, health, etc.

### PART I.

#### MANUFACTURES IN ILLINOIS, 1904.

##### ELEVEN CITIES, POPULATION IN 1900 OF 20,000 AND OVER.

The first presentation is a series of tables, of eleven municipalities having a population of 20,000 and over. These cities are Aurora, Bloomington, Chicago, Decatur, East St. Louis, Elgin, Peoria, Quincy, Rockford and Springfield. The same establishments are represented in each of the tables that follow.

Table 1 presents the number of establishments with the capital invested in the several enumerated industries with the addition of a total of all other industries operated in each city.

**TABLE 1—*Eleven Cities, 20,000 Population in 1900 and over, Capital Invested, by Cities and Industries, 1904.***

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple- ments.	Cash and sundries.
	AURORA .....	103	\$6,800,268	\$645,288	\$1,406,642	\$2,434,085	\$2,314,253
1	Bread and other bakery products.....	8	\$ 68,463	\$ 2,600	\$ 3,500	\$ 15,134	\$ 47,229
2	Carriages and wagons .....	4	100,637	8,500	2,500	16,818	72,819
3	Clothing, women's .....	3	65,469	.....	.....	7,618	57,851
4	Coppersmithing and sheet iron working.....	5	8,950	.....	.....	3,650	5,300
5	Foundry and machine shop products.....	8	1,064,196	80,131	165,735	324,747	493,585
6	Printing and publishing, book and job .....	5	213,632	7,500	25,150	110,500	70,682
7	Printing and publishing, newspapers and periodicals.....	5	101,512	10,500	5,850	56,968	28,174
8	Tobacco, cigars and cigarettes.....	17	44,002	900	1,300	2,425	39,377
9	All other industries .....	48	5,133,205	535,157	1,202,607	1,896,205	1,499,236

Table 1—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple- ments.	Cash and sundries.
	BLOOMINGTON.....	81	\$3,346,618	\$200,200	\$716,306	\$1,123,695	\$1,306,417
1	Bread and other bakery products.....	4	\$ 35,289	\$ 2,000	\$ 6,000	\$ 10,300	\$ 16,989
2	Brick and tile.....	3	86,000	4,000	40,000	18,000	24,000
3	Carriages and wagons.....	3	83,000	4,500	13,500	12,500	52,500
4	Confectionery.....	3	132,721	10,000	35,000	39,821	47,900
5	Foundry and machine shop products.....	7	422,904	19,000	38,000	39,151	326,753
6	Lumber, planing mill products, including sash, doors and blinds.....	4	145,979	12,518	20,900	25,013	87,548
7	Patent medicines and compounds.....	5	72,925	4,300	19,400	7,150	42,075
8	Printing and publishing, book and job.....	8	135,242	6,000	32,000	78,900	18,342
9	Printing and publishing, newspapers and periodicals.....	5	165,947	7,000	25,500	72,000	61,447
10	Tobacco, cigars and cigarettes.....	15	26,714	1,300	3,450	1,785	20,179
11	All other industries.....	24	2,039,897	129,582	482,556	819,075	608,684
	CHICAGO.....	8,159	\$637,743,474	\$58,015,525	\$92,388,631	\$136,641,266	\$350,698,052
1	Artificial feathers, flowers.....	17	\$ 119,470	\$ 4,600	\$ 9,600	\$ 10,910	\$ 94,360
2	Artificial limbs.....	9	23,772	.....	.....	4,654	19,118
3	Artificial stone.....	3	8,100	2,000	4,000	900	1,200
4	Artists' materials.....	10	197,515	3,000	5,501	29,460	159,554
5	Automobile bodies, parts.....	4	22,331	.....	.....	13,686	8,645
6	Automobiles.....	7	376,886	2,500	3,000	209,154	162,232
7	Awnings, tents, sails.....	11	1,057,450	151,500	61,500	59,550	784,900
8	Babbit metal, solder.....	9	385,630	1,500	2,000	91,162	290,968
9	Bags, other than paper.....	4	104,226	.....	.....	11,400	92,826
10	Bags, paper.....	4	31,980	.....	.....	21,985	9,995
11	Baking and yeast powders.....	16	3,718,435	171,000	266,051	230,196	3,053,188
12	Baskets, rattan, willow ware.....	10	31,354	7,500	8,300	1,853	13,701
13	Belted and hose, leather.....	10	833,175	.....	.....	84,211	748,964
14	Bicycles and tricycles.....	11	1,012,160	47,036	142,840	429,491	392,793
15	Billiard tables, materials.....	8	37,125	2,200	2,000	8,125	24,800
16	Blacking.....	10	130,142	10,000	13,000	24,277	82,865
17	Blueing.....	4	59,260	4,000	1,000	4,150	50,110
18	Bookbinding, blank book making.....	67	1,321,175	59,900	51,300	578,726	640,249
19	Boot and shoe findings.....	4	70,250	4,500	25,500	9,900	30,350
20	Boots and shoes.....	27	2,022,243	67,500	134,800	366,480	1,453,463
21	Boxes, cigar.....	10	187,920	7,500	9,182	38,027	133,211
22	Boxes, fancy, paper.....	39	1,556,558	27,944	39,659	639,308	849,647
23	Boxes, wooden packing.....	22	3,856,331	579,500	576,328	798,928	1,901,575
24	Brass.....	3	90,406	3,000	3,000	17,864	66,542
25	Brass castings, finishing.....	19	1,251,605	264,360	237,637	372,583	377,025
26	Brassware.....	21	598,182	15,246	23,073	151,519	408,344
27	Bread, other bakery products.....	852	11,190,899	1,057,932	2,439,144	4,439,609	3,254,214
28	Brick and tile.....	26	3,363,712	815,790	659,880	1,303,950	584,082
29	Brooms and brushes.....	62	341,682	39,600	46,200	43,275	212,587
30	Butter, reworking.....	4	235,584	.....	.....	65,582	170,002
31	Buttons.....	11	26,765	.....	.....	11,425	15,340
32	Calcium lights.....	3	6,750	.....	.....	1,250	5,500
33	Canning, preserving fish.....	4	13,390	5,500	6,900	650	340
34	Canning, preserving fruits, vegetables.....	3	24,200	.....	.....	5,600	18,600
35	Carpets, rag.....	39	128,374	27,400	42,450	24,079	34,445
36	Carriage and wagon materials.....	9	28,885	2,000	2,500	8,425	15,960
37	Carriages and sleds, children.....	4	248,112	22,500	64,239	24,436	136,937
38	Carriages and wagons.....	113	4,437,607	484,889	944,456	435,491	2,572,771



Table 1—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
CHICAGO—Continued.							
39	Cars, gen. shop cons., re- pairs, steam .....	22	\$ 7,581,868	\$1,827,805	\$2,500,465	\$ 821,637	\$ 2,431,961
40	Cars, gen. shop cons., re- pairs, street .....	8	1,060,939	190,948	594,089	200,102	76,890
41	Cars, steam railroad .....	11	11,535,067	383,076	3,089,904	1,589,949	6,473,093
42	Cash registers, calculating machines .....	7	509,782	5,000	2,500	246,842	255,440
43	Chemicals .....	8	2,973,580	583,589	375,525	1,273,669	749,797
44	Cleansing, polishing pre- parations .....	25	87,731	6,500	13,500	8,600	50,131
45	Cloth, sponging, refinish- ing .....	5	18,700			10,200	8,500
46	Clothing, men's .....	563	17,863,120	273,225	527,190	633,232	16,429,423
47	Clothing, men's button- holes .....	14	40,897	5,800	13,542	13,555	8,099
48	Clothing, women's .....	174	3,303,696	102,200	362,700	304,941	2,533,855
49	Coffee, spice, roasting, grinding .....	23	6,439,960	148,000	295,491	348,764	5,647,705
50	Coffins, burial cases, un- dertaker's goods .....	10	985,809	89,500	158,723	81,878	655,708
51	Confectionery .....	62	3,143,130	137,000	254,131	751,935	2,000,064
52	Coopersage .....	42	1,497,359	310,470	263,973	207,187	715,729
53	Coppersmithing, sheet iron working .....	131	2,415,843	171,900	299,987	471,718	1,472,228
54	Cordials and syrups .....	4	140,700			21,198	119,502
55	Cork cutting .....	5	124,702			10,552	114,180
56	Corsets .....	11	179,020	1,500	3,000	32,170	142,850
57	Outlery and edge tools .....	4	614,282	68,250	96,779	172,219	277,034
58	Dairymen's, poulterer's, apiarists supplies .....	5	89,874	7,750	10,500	10,400	61,224
59	Dentists' materials .....	8	190,300	500	500	74,100	115,200
60	Druggists' preparations .....	11	872,435	22,000	16,438	91,096	742,901
61	Dyeing, finishing textiles .....	5	76,138			27,156	48,982
62	Electrical machinery, ap- paratus, supplies .....	96	21,271,367	1,806,463	2,729,406	5,150,562	11,584,936
63	Electroplating .....	23	100,523	250	650	55,022	44,906
64	Engraving, diesinking .....	36	138,676	4,000	4,000	69,432	61,244
65	Engraving, steel, plate printing .....	21	672,168		250,000	140,484	281,684
66	Engraving wood .....	16	36,033			5,650	30,383
67	Fancy articles not else- where specified .....	35	707,361	11,300	24,120	233,704	438,237
68	Fire extinguishers, chem- ical .....	4	9,750			750	9,000
69	Flags and banners .....	6	49,425			6,025	42,400
70	Flavoring extracts .....	28	971,513	5,400	13,800	63,418	899,195
71	Flour, grist mill products .....	5	1,353,138	132,500	330,000	295,837	594,801
72	Food preparations .....	47	6,552,278	186,209	294,656	308,966	5,712,436
73	Foundry, machine shop products .....	423	55,638,946	8,046,859	8,752,665	12,848,335	25,991,087
74	Foundry supplies .....	3	250,990	60,000	40,000	35,050	115,940
75	Fur goods .....	34	513,710	3,000	26,000	15,936	468,774
76	Furnishing goods, men's .....	31	1,617,961	233,115	404,144	42,931	937,771
77	Furniture .....	153	13,588,155	968,743	1,989,427	1,518,692	9,111,233
78	Furs, dressed .....	6	62,875	2,350	23,500	5,325	31,700
79	Galvanizing .....	3	42,990		3,970	6,706	32,314
80	Gas and lamp fixtures .....	30	1,311,476	20,200	43,200	234,220	1,031,856
81	Gas machines and meters .....	8	127,352			4,516	122,536
82	Glass cutting, staining, ornamenting .....	35	667,956	47,200	41,000	116,261	463,496
83	Gloves and mittens, leather .....	21	505,944	19,400	100,000	71,430	315,114
84	Glue .....	5	1,871,090	178,029	415,073	476,668	801,290
85	Gold and silver, leaf foil .....	5	51,711	4,500	5,000	10,399	31,812
86	Gold and silver, reducing, refining .....	3	297,504	3,500	26,300	16,926	250,778
87	Grease and tallow .....	13	1,129,960	208,069	210,198	239,762	471,811
88	Hairwork .....	13	136,764			3,800	132,964
89	Hand knit goods .....	16	68,205	7,500	12,000	14,700	34,005
90	Hand stamps .....	19	175,662			80,367	95,295
91	Hardware .....	49	2,625,904	133,459	415,003	469,105	1,608,346

Table 1—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
CHICAGO—Continued.							
92	Hardware, saddlery .....	5	\$ 20,220	\$ 2,000	\$ 3,000	\$ 5,920	\$ 9,300
93	Hats and caps, other than felt, straw, wool .....	35	174,514	100	200	23,992	150,222
94	Hats, felt .....	4	40,050	4,000	6,000	6,100	23,95
95	Hosiery and knit goods .....	14	526,568	6,000	13,012	107,952	399,604
96	House furnishing goods not elsewhere specified .....	17	414,584	.....	.....	45,514	369,070
97	Ice, manufactured .....	3	341,053	29,100	102,800	75,739	133,414
98	Ink, printing .....	6	182,648	2,500	11,000	16,921	102,227
99	Ink, writing .....	4	238,753	790	5,000	43,750	189,213
100	Instruments, professional scientific .....	25	357,168	5,300	8,200	111,358	232,310
101	Iron and steel, steel works, rolling mills .....	5	16,913,338	3,859,081	2,016,716	6,236,971	4,800,570
102	Iron and steel, bolts, nuts, washers, rivets .....	3	218,488	.....	.....	77,500	140,988
103	Iron and steel, doors and shutters .....	4	131,345	.....	.....	50,157	81,188
104	Iron and steel forgings .....	8	1,311,578	283,352	150,360	441,190	436,676
105	Iron and steel, nails, spikes, cut and wrought .....	3	412,200	16,000	50,000	196,000	156,200
106	Ivory and bone work .....	3	3,325	.....	.....	1,625	1,700
107	Jewelry .....	41	825,403	6,950	29,485	149,167	639,851
108	Jewelry and instrument cases .....	9	42,626	500	2,000	9,035	31,091
109	Labels and tags .....	9	222,738	4,000	4,500	106,269	107,969
110	Lamps and reflectors .....	10	110,542	.....	.....	25,571	84,971
111	Lapidary work .....	4	52,100	.....	.....	3,100	49,000
112	Leather goods .....	32	414,481	10,500	13,500	68,205	322,276
113	Leather, tanned, curried, finished .....	23	10,749,271	437,016	2,545,317	3,690,368	4,076,570
114	Lime .....	3	833,031	236,492	84,065	76,575	435,879
115	Liquors, malt .....	56	28,352,704	5,521,723	7,638,938	5,906,306	9,286,735
116	Lithographing and engraving .....	22	816,223	9,000	39,000	392,735	375,488
117	Looking-glass, picture frames .....	67	2,486,472	102,394	255,324	338,646	1,790,108
118	Lumber, planing mill products, sashes, doors .....	132	7,575,090	843,511	840,180	1,137,852	4,753,537
119	Malt .....	16	13,287,063	2,824,634	5,228,173	1,264,709	3,969,547
120	Marble and stone work .....	64	1,546,378	250,727	125,991	352,339	817,267
121	Mattresses and spring beds .....	46	801,933	78,700	92,018	167,414	463,801
122	Millinery and lace goods .....	44	1,253,935	17,000	11,700	302,871	922,364
123	Mineral and soda waters .....	44	833,816	44,400	102,850	404,772	281,794
124	Mirrors .....	14	564,468	22,600	44,919	65,374	431,575
125	Models, patterns, not including paper .....	49	222,209	100	5,100	81,873	135,136
126	Monuments and tombstones .....	9	325,638	25,000	5,800	13,350	281,488
127	Mucilage and paste .....	9	408,439	.....	.....	38,255	370,184
128	Musical instruments, materials, not specified .....	24	627,625	15,950	39,500	128,869	443,306
129	Musical instruments, organs .....	6	96,110	3,000	4,200	19,634	69,276
130	Musical instruments, pianos .....	23	10,294,277	573,057	1,302,226	440,696	7,978,306
131	Musical instruments, pianos, organs, materials .....	3	427,688	59,335	58,051	92,520	217,782
132	Nets and seines .....	3	363,231	160,000	60,000	83,300	59,931
133	Oil, linseed .....	5	943,475	98,780	173,690	324,840	346,175
134	Oil, not elsewhere specified .....	7	111,146	500	6,800	12,150	91,696
135	Oleomargarine .....	3	649,706	30,000	165,430	77,014	377,262
136	Optical goods .....	8	115,525	.....	.....	18,375	97,150
137	Paints .....	31	6,311,584	438,300	722,565	790,627	4,360,092
138	Paper goods, not elsewhere specified .....	29	434,850	3,500	4,500	189,733	237,117
139	Patent medicines, compounds .....	203	4,663,947	428,033	425,642	351,745	3,458,527
140	Paving and paving material .....	4	352,967	68,000	53,383	64,266	167,318

Table 1—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
CHICAGO—Continued.							
141	Pens, gold.....	3	\$ 25,867	.....	.....	\$ 8,476	\$ 17,391
142	Perfumery and cosmetics.....	34	253,158	.....	.....	20,073	263,086
143	Photographic apparatus.....	7	57,541	\$ 500	\$ 4,000	15,000	38,041
144	Photographic materials.....	12	410,563	.....	.....	83,156	328,407
145	Photolithographing, photo engraving.....	18	562,917	.....	.....	341,303	221,614
146	Pickles, preserves and sauce.....	43	2,086,869	133,400	230,860	231,167	1,511,453
147	Pipes, tobacco.....	3	43,950	.....	.....	1,550	47,400
148	Plumbers' supplies.....	11	3,846,013	479,380	725,263	640,444	2,000,926
149	Pottery, terra cotta, fire-clay prod.....	12	2,219,935	372,832	545,042	500,432	801,629
150	Printing, publishing, book, job.....	697	16,061,020	338,612	1,109,777	7,650,060	6,962,580
151	Printing, publishing, music.....	32	459,631	.....	.....	118,369	341,262
152	Printing, publishing, newspapers, periodicals.....	423	13,758,199	384,207	1,519,500	3,381,115	8,473,377
153	Printing materials.....	14	262,965	3,000	7,200	88,797	163,868
154	Pumps, not including steam.....	8	102,850	.....	.....	25,650	76,200
155	Refrigerators.....	4	18,756	.....	.....	3,438	15,268
156	Regalia, society banners, emblems.....	14	123,187	5,000	8,000	23,455	96,732
157	Roofing materials.....	6	901,709	94,500	83,504	409,300	319,505
158	Rubber and elastic goods.....	10	1,550,251	.....	6,628	232,253	1,314,340
159	Saddlery and harness.....	31	1,302,301	72,000	140,209	99,839	969,633
160	Sausage.....	24	252,051	44,300	89,500	38,077	80,174
161	Saws.....	7	914,442	35,000	215,000	160,100	504,342
162	Scales and balances.....	8	259,908	42,100	26,394	53,880	137,534
163	Sewing machines, attach-ments.....	5	536,210	30,000	23,500	56,744	426,976
164	Shipbuilding, wooden, boat building.....	7	1,000,007	600,000	241,150	70,892	87,965
165	Shirts.....	30	649,044	.....	.....	43,272	605,772
166	Show cases.....	15	199,942	8,200	33,000	21,598	132,144
167	Silk and silk goods.....	3	390,672	20,000	30,000	120,000	220,672
168	Slaughtering, meat pack- ing, wholesale.....	24	69,890,273	2,885,981	19,182,368	7,647,804	49,164,320
169	Slaughtering, wholesale, not packing.....	8	385,100	.....	79,500	24,600	281,000
170	Smelting, refining zinc, not from ore.....	6	183,664	.....	400	16,350	166,914
171	Soap.....	23	7,232,258	975,337	899,399	1,254,777	4,121,764
172	Soda water apparatus.....	5	1,114,965	52,607	72,742	197,337	791,279
173	Sporting goods.....	12	376,750	36,200	66,396	45,979	228,175
174	Springs, steel, car, carriage.....	4	447,509	.....	250	164,662	278,577
175	Stampedware.....	11	1,201,017	194,693	233,632	429,569	343,123
176	Stationery goods, not else- where specified.....	27	654,584	76,912	48,068	98,187	431,391
177	Statuary and art goods.....	7	376,826	10,000	20,000	34,367	312,469
178	Steamfitting, heating ap- paratus.....	18	674,331	57,500	62,500	169,661	384,670
179	Steam packing.....	11	160,776	1,000	3,600	25,963	130,813
180	Stencils and brands.....	6	75,327	.....	.....	32,655	42,672
181	Stereotyping and electro- typing.....	18	640,604	.....	.....	315,805	324,799
182	Stoves, furnaces, not in- cluded in gas, oil.....	20	1,669,050	245,200	296,000	144,897	982,953
183	Structural iron work.....	68	5,625,197	900,108	763,217	1,125,942	2,846,530
184	Sugar, molasses, refining.....	5	480,617	.....	.....	66,436	414,181
185	Surgical appliances.....	18	589,897	7,500	10,500	125,942	445,925
186	Tinware.....	28	5,095,213	609,679	1,199,653	2,016,516	1,269,360
187	Tobacco, chewing, smok- ing, snuff.....	24	3,859,778	60,100	69,814	157,301	3,572,563
188	Tobacco, cigars and cigar- ettes.....	936	2,934,022	333,505	480,890	125,703	1,993,924
189	Tools, not elsewhere speci- fied.....	33	331,680	19,000	24,028	79,926	196,706
190	Toys and games.....	19	146,021	5,000	20,000	32,983	87,038

Table 1—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple- ments.	Cash and sundries.
CHICAGO—Concluded.							
191	Trunks and valises .....	19	\$ 704,639	\$8 89,500	\$ 143,000	\$ 92,832	\$ 379,307
192	Type foundings .....	3	1,848,358	.....	.....	472,666	1,375,692
193	Typewriters and supplies..	8	417,768	600	600	131,441	285,127
194	Umbrellas and canes .....	4	31,100	.....	.....	8,250	22,850
195	Upholstering materials .....	11	500,471	31,500	88,254	186,005	194,712
196	Varnishes .....	21	3,486,470	347,126	572,351	285,683	2,281,310
197	Vaults, lights and ventila- tors .....	4	26,065	4,000	6,000	4,600	11,465
198	Vinegar and elder .....	4	686,490	122,981	157,132	240,915	165,462
199	Washing machines, clothes wringers .....	6	39,148	.....	.....	2,748	36,400
200	Whips .....	3	40,166	8,000	4,000	7,497	20,669
201	Window shades, fixtures ..	21	624,114	45,500	48,500	51,911	478,203
202	Wire work, wire rope and cable .....	36	258,248	12,600	16,800	75,299	153,549
203	Wood carpet .....	3	82,603	24,800	15,000	14,350	38,353
204	Wood, turned and carved..	48	350,788	49,350	34,185	101,139	166,114
205	Woodenware, not else- where specified .....	12	94,057	4,000	12,000	25,092	52,965
206	Wool pulling .....	3	33,200	3,500	6,000	1,700	22,000
207	All other industries .....	113	144,295,713	11,326,230	18,435,799	40,972,022	73,561,662
DECATUR .....		116	\$4,873,764	\$376,338	\$797,310	\$1,264,796	\$2,435,320
1	Agricultural implements..	5	\$ 339,182	\$ 24,000	\$ 45,222	\$ 55,837	\$ 214,123
2	Bread and other bakery products .....	4	201,019	6,000	.....	131,192	63,827
3	Carriages and wagons .....	3	24,650	.....	600	1,850	22,200
4	Coppersmithing and sheet iron working .....	5	12,260	.....	.....	2,660	9,600
5	Flavoring extracts .....	3	47,455	.....	.....	2,560	44,895
6	Flour and grist mill pro- ducts .....	5	700,123	38,000	113,500	192,600	356,023
7	Foundry and machine shop products .....	7	461,444	54,000	131,000	76,308	200,136
8	Mineral and soda waters ..	3	97,799	12,000	13,690	26,833	45,276
9	Printing and publishing, book and job .....	6	40,508	.....	.....	28,812	11,696
10	Printing and publishing, newspapers and periodi- cals .....	4	173,556	15,000	40,635	71,506	46,415
11	Tobacco, cigars and cigar- ettes .....	18	42,870	3,000	2,100	1,260	36,510
12	All other industries .....	53	2,732,898	224,388	450,563	673,378	1,384,619
EAST ST. LOUIS.....		94	\$19,909,166	\$1,931,544	\$4,221,442	\$6,662,723	\$7,093,457
1	Bread and other bakery products.....	11	\$ 86,875	\$ 12,880	\$ 31,127	\$ 31,415	\$ 11,453
2	Carriages and wagons .....	3	24,751	6,250	3,750	3,458	11,293
3	Cars and general shop con- struction and repairs by steam railroad companies	4	177,944	49,300	71,265	23,248	34,131
4	Coppersmithing and sheet iron working .....	4	37,300	12,000	8,000	4,950	12,350
5	Foundry and machine shop products .....	5	1,313,774	98,207	275,363	256,299	683,905
6	Iron and steel, steel works and rolling mills .....	3	5,306,325	534,287	887,419	2,749,254	1,135,365
7	Lumber, planing mill pro- ducts, including sash, doors and blinds .....	7	244,237	52,709	40,500	37,012	114,016
8	Mineral and soda waters...	5	41,728	2,000	3,600	17,200	18,928
9	Printing and publishing, book and job .....	3	16,630	.....	.....	10,000	6,630
10	Printing and publishing, newspapers and periodi- cals .....	6	35,013	7,000	2,500	19,700	5,813

Table 1—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple- ments.	Cash and sundries.
E. ST. LOUIS—Concluded.							
11	Tobacco, cigars and cigar- ettes.....	9	\$ 22,237	\$ 10,400	\$ 5,050	\$ 935	\$ 5,852
12	All other industries.....	34	12,602,352	1,145,511	2,892,868	3,509,252	5,063,721
ELGIN.....							
		76	\$10,979,586	\$346,632	\$1,748,299	\$3,555,748	\$5,328,917
1	Bread and other bakery products.....	7	\$ 32,511	\$ 3,080	\$ 3,000	\$ 7,750	\$ 18,759
2	Carpets, rag.....	3	9,325	1,000	600	5,850	1,875
3	Cooperage.....	3	543,328	37,500	40,000	66,900	403,928
4	Foundry and machine shop products.....	6	119,044	10,000	20,000	19,952	69,092
5	Printing and publishing, book and job.....	3	63,475	7,000	20,000	30,350	6,125
6	Printing and publishing, newspapers and periodi- cals.....	7	596,498	15,000	155,333	151,295	274,870
7	Tobacco, cigars and cigar- ettes.....	8	40,699			940	39,759
8	All other industries.....	39	9,569,706	273,122	1,509,366	3,272,709	4,514,509
JOLIET.....							
		106	\$15,356,327	\$2,656,753	\$2,216,994	\$5,034,970	\$6,447,620
1	Bread and other bakery products.....	15	\$ 64,777	\$ 9,800	\$ 30,075	\$ 11,972	\$ 12,930
2	Flour and grist mill pro- ducts.....	3	16,000	2,000	4,000	2,000	8,000
3	Foundry and machine shop products.....	12	618,873	56,039	126,366	167,030	269,438
4	Furniture.....	3	126,013			28,558	97,445
5	Liquors, malt.....	3	555,000	55,000	202,500	121,500	176,000
6	Lumber, planing mill pro- ducts, including sash, doors and blinds.....	3	61,671	7,400	13,500	13,750	27,021
7	Mineral and soda waters.....	3	9,650	700	3,000	3,500	2,450
8	Monuments and tomb- stones.....	3	27,406	2,500	2,800	1,330	20,776
9	Printing and publishing, book and job.....	4	9,490			7,800	1,690
10	Printing and publishing, newspaper and periodi- cals.....	5	138,506	1,125	2,000	60,550	74,831
11	Tobacco, cigars and cigar- ettes.....	15	44,739	5,650	6,575	890	31,624
12	All other industries.....	37	13,684,212	2,516,539	1,826,178	4,616,090	4,725,405
PEORIA.....							
		265	\$22,243,821	\$1,608,472	\$3,312,506	\$8,070,605	\$9,252,238
1	Agricultural implements..	6	\$4,615,744	\$230,344	\$764,806	\$ 852,153	\$2,768,441
2	Bread and other bakery products.....	40	435,622	45,000	88,963	52,664	248,995
3	Brooms and brushes.....	3	5,740	4,400	800	240	300
4	Carriages and wagons.....	6	199,310	17,080	40,073	21,171	121,036
5	Cars and general shop con- struction and repairs by steam railroad companies	4	215,909	42,000	64,100	54,566	55,243
6	Cooperage.....	4	635,500	56,700	116,200	241,600	221,000
7	Coppersmithing and sheet- iron working.....	7	78,250	19,000	24,200	14,050	21,000
8	Flour and grist mill pro- ducts.....	3	282,158	21,000	44,000	39,000	178,158
9	Food preparations.....	4	469,458	8,500	58,803	206,864	195,291
10	Foundry and machine shop products.....	16	646,965	82,260	47,000	117,319	400,386
11	Furniture.....	3	64,729	21,500	10,324	7,139	25,766

Table 1—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.					
			Totals.	Lands.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.	
PEORIA—Concluded.								
12	Gypsum wall plaster .....	3	\$ 9,625	\$ 500	\$ 200	\$ 3,525	\$ 5,400	
13	Liquors, distilled.....	6	4,514,819	259,069	906,772	2,271,643	1,047,335	
14	Liquors, malt.....	3	1,195,547	224,000	264,150	280,301	427,096	
15	Lumber, planing mill products including sash, doors and blinds .....	5	241,689	23,000	26,279	48,338	144,072	
16	Mineral and soda waters...	3	31,300	.....	1,500	25,000	4,800	
17	Models and patterns, not including paper patterns .....	3	11,475	.....	.....	9,800	1,675	
18	Printing and publishing, book and job .....	13	173,650	5,000	4,500	96,500	67,650	
19	Printing and publishing, newspapers and periodicals .....	13	258,048	.....	.....	165,000	93,048	
20	Saddlery and harness .....	3	140,000	.....	.....	7,400	132,600	
21	Slaughtering and meat packing, wholesale .....	3	359,392	15,000	70,000	41,018	233,374	
22	Stoves and furnaces, not including gas and oil stoves .....	3	360,363	39,000	59,672	59,043	202,648	
23	Tinware .....	3	131,448	14,631	7,000	40,771	69,046	
24	Tobacco, cigars and cigarettes .....	43	233,032	14,600	15,535	3,212	199,685	
25	All other industries .....	65	6,934,048	435,938	697,629	3,412,288	2,398,193	
QUINCY .....			234	\$9,469,944	\$717,633	\$1,688,551	\$2,081,759	\$4,981,951
1	Agricultural implements..	3	\$ 312,921	\$ 16,000	\$ 45,627	\$ 22,225	\$ 229,089	
2	Bread and other bakery products .....	11	21,337	2,300	6,450	6,957	5,630	
3	Brick and tile .....	8	71,033	22,300	17,050	12,320	19,363	
4	Brooms and brushes .....	4	800	.....	.....	200	600	
5	Carpets, rag .....	3	2,900	.....	.....	1,900	900	
6	Carriages and wagons .....	11	598,901	23,908	98,275	60,114	416,504	
7	Clothing, men's .....	5	61,018	.....	.....	29,243	31,775	
8	Confectionery .....	5	63,627	.....	6,000	20,670	36,957	
9	Dairymen's, poulterer's and apiarist's supplies...	7	268,992	14,000	19,090	47,660	188,242	
10	Flour and grist mill products .....	5	316,878	37,802	72,966	48,761	157,349	
11	Foundry and machine shop products .....	15	1,290,105	38,997	185,449	431,834	623,825	
12	Furniture .....	4	47,575	1,350	4,500	11,295	30,490	
13	Lime .....	3	218,452	55,217	41,265	21,557	95,413	
14	Liquors, malt.....	3	627,976	63,000	250,000	79,000	235,976	
15	Lumber, planing mill products, including sash, doors and blinds .....	5	267,890	22,557	51,464	43,064	150,805	
16	Patent medicines and compounds .....	5	14,500	.....	.....	1,165	13,335	
17	Printing and publishing, book and job .....	16	183,282	.....	.....	108,096	75,186	
18	Printing and publishing, newspapers and periodicals .....	13	117,118	.....	.....	61,663	55,455	
19	Saddlery and harness .....	3	162,856	2,500	1,500	11,438	147,418	
20	Show cases .....	3	197,837	15,000	29,159	16,347	137,331	
21	Stoves and furnaces, not including gas and oil stoves .....	12	1,828,653	156,000	235,791	229,197	1,207,665	
22	Tobacco, cigars and cigarettes .....	34	74,041	18,000	16,200	1,514	38,327	
23	All other industries .....	56	2,736,452	228,752	607,765	815,539	1,084,396	

Table 1—Concluded.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
	ROCKFORD .....	180	\$14, 158, 501	\$973, 983	\$2, 166, 192	\$3, 628, 040	\$7, 390, 286
1	Agricultural implements..	4	\$ 970, 274	\$ 53, 836	\$ 139, 586	\$ 110, 593	\$ 666, 279
2	Boots and shoes .....	3	108, 904	3, 000	19, 000	16, 807	70, 097
3	Bread and other bakery products .....	8	72, 896	9, 400	21, 000	17, 800	24, 786
4	Carriages and wagons .....	3	30, 400	2, 000	5, 500	2, 400	10, 500
5	Clothing, men's .....	3	161, 902	5, 000	8, 000	9, 065	139, 817
6	Coppersmithing and sheet iron working .....	4	10, 201		250	2, 487	7, 464
7	Dairymen's, poulterers' and apiarists' supplies .....	3	117, 650	13, 475	33, 500	21, 964	48, 711
8	Foundry and machine shop products .....	23	1, 265, 743	46, 779	222, 990	357, 499	638, 485
9	Furniture .....	13	2, 123, 370	98, 882	342, 965	261, 341	1, 420, 282
10	Hardware .....	3	45, 774			29, 049	16, 725
11	Hosiery and knit goods .....	4	1, 983, 473	38, 775	192, 471	748, 897	1, 003, 330
12	Lumber, planing mill products, including sash, doors and blinds .....	4	119, 408	12, 450	23, 500	32, 431	52, 027
13	Mineral and soda waters .....	3	27, 900	4, 800	7, 400	6, 500	9, 200
14	Monuments and tombstones .....	4	45, 724	8, 700	5, 000	5, 050	26, 974
15	Patent medicines and compounds .....	4	6, 400	800	1, 200	300	4, 100
16	Printing and publishing, book and job .....	8	81, 010	500	500	56, 543	23, 467
17	Printing and publishing, newspapers and periodicals .....	6	109, 247	700	1, 300	60, 264	46, 983
18	Pumps, not including steam pumps .....	3	341, 037	38, 000	44, 113	60, 709	198, 215
19	Tobacco, cigars and cigar-ettes .....	5	5, 495	100	200	470	4, 725
20	All other industries .....	72	6, 541, 603	636, 786	1, 098, 937	1, 827, 861	2, 978, 119
	SPRINGFIELD .....	122	\$5, 264, 117	\$487, 029	\$355, 295	\$1, 567, 498	\$2, 354, 295
1	Bread and other bakery products .....	10	\$ 81, 960	\$ 20, 550	\$ 35, 500	\$ 12, 310	\$ 13, 600
2	Carriages and wagons .....	4	59, 232	40, 000	7, 000	881	11, 341
3	Cars and general shop construction and repairs by steam railroad companies .....	4	270, 733	40, 000	62, 650	121, 209	46, 874
4	Coppersmithing and sheet iron working .....	6	69, 650	28, 000	15, 000	3, 350	23, 300
5	Foundry and machine shop products .....	4	396, 923	20, 000	61, 956	164, 985	149, 982
6	Lumber, planing mill products, including sash, doors and blinds .....	4	173, 508	25, 500	29, 000	29, 641	89, 367
7	Mineral and soda waters .....	3	11, 600	2, 000	600	4, 200	4, 800
8	Monuments and tombstones .....	3	51, 919	2, 500	5, 935	5, 379	38, 105
9	Printing and publishing, book and job .....	8	183, 750	10, 000	10, 000	122, 200	41, 550
10	Printing and publishing, newspapers and periodicals .....	8	226, 773	20, 000	30, 000	99, 200	77, 573
11	Tobacco, cigars and cigar-ettes .....	32	68, 232	6, 250	19, 300	1, 875	40, 807
12	All other industries .....	36	3, 669, 847	272, 229	573, 354	1, 002, 268	1, 816, 996

Table 2 is a recapitulation of table 1 and brings the totals for each city in close comparison, also showing the totals of the eleven cities and the totals for the State.

TABLE 2—*Recapitulation of Table 1—Eleven Cities—20,000 Population and over—Capital Invested, 1904.*

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
	THE STATE .....	14,921	\$975,844,799	\$95,991,323	\$153,551,188	\$232,968,456	\$503,433,837
	ELEVEN CITIES .....	9,536	750,145,596	67,969,637	111,518,168	172,065,185	398,602,806
	Per cent of the State ..	63.9	76.9	79.0	72.6	74.0	79.2
1	Aurora .....	103	6,800,268	645,268	1,406,642	2,434,065	2,314,253
2	Bloomington .....	81	3,346,618	200,200	716,306	1,123,695	1,306,417
3	Chicago .....	8,159	637,743,474	58,015,525	92,398,631	136,641,266	350,698,052
4	Decatur .....	116	4,873,764	376,338	797,310	1,264,796	2,435,320
5	East St. Louis .....	94	19,909,166	1,931,544	4,221,442	6,662,723	7,098,457
6	Elgin .....	76	10,979,596	346,622	1,748,299	3,555,748	5,328,917
7	Joliet .....	106	15,356,337	2,656,763	2,216,904	5,034,970	5,447,630
8	Peoria .....	265	22,243,831	1,608,472	3,312,506	8,070,605	9,252,238
9	Quincy .....	234	9,469,944	717,688	1,688,551	2,061,759	4,981,951
10	Rockford .....	180	14,158,501	973,983	2,166,192	3,628,040	7,390,286
11	Springfield .....	122	5,264,117	487,029	855,295	1,567,498	2,354,295

The number of all of the establishments in the State, from which data was collected for the year 1904, was 14,921, of this number 9,536 or 63.9 per cent are represented in these eleven cities.

The total capital invested in the State which includes lands, buildings, machinery, etc., and cash, etc., was \$975,844,799, of this amount \$750,145,596 or 76.9 per cent was invested by establishments in these cities.



Table 3 gives the cost of material and miscellaneous expenses, also the total value of the products. These are shown for the several industries in each city.

TABLE 3—Eleven Cities, 20,000 Population and over—Value of Material Used—Miscellaneous Expenses—Total Expenses and Total Value of Products—By Cities and Industries, 1904.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
	AURORA.....	103	\$3,638,169	\$660,437	\$4,198,606	\$7,329,028
1	Bread and other bakery products.....	8	\$ 79,993	\$ 11,564	\$ 91,557	\$ 165,125
2	Carriages and wagons.....	4	52,144	13,320	65,464	140,049
3	Clothing, women's.....	3	79,968	5,250	85,218	157,290
4	Coppersmithing and sheet iron working.....	5	23,610	1,837	25,447	52,917
5	Foundry and machine shop.....	8	307,547	90,922	398,469	872,967
6	Printing and publishing, book and job.....	5	70,985	38,396	109,381	287,945
7	Printing and publishing, newspapers and periodicals.....	5	24,484	7,451	31,935	96,033
8	Tobacco, cigars and cigarettes.....	17	34,888	16,412	51,300	104,049
9	All other industries.....	48	2,864,550	475,285	3,339,835	5,452,653
	BLOOMINGTON.....	81	\$3,491,784	402,415	3,894,199	5,777,060
1	Bread and other bakery products.....	4	\$ 71,418	\$ 8,189	\$ 79,607	\$ 130,292
2	Brick and tile.....	3	26,125	24,631	50,756	111,280
3	Carriages and wagons.....	3	53,985	2,602	56,587	109,550
4	Confectionery.....	3	181,441	32,334	213,775	285,132
5	Foundry and machine shop products.....	7	129,881	40,172	170,053	342,161
6	Lumber, planing mill products, including sash, doors and blinds.....	4	57,580	11,655	69,235	135,250
7	Patent medicines and compounds.....	5	17,329	8,451	25,780	62,875
8	Printing and publishing, book and job.....	8	66,993	24,390	91,383	176,794
9	Printing and publishing, newspapers and periodicals.....	5	36,884	28,809	65,693	170,865
10	Tobacco, cigars and cigarettes.....	15	28,014	14,811	42,825	98,640
11	All other industries.....	24	2,822,134	206,371	3,028,505	4,154,221
	CHICAGO.....	8159	589,913,993	96,298,031	686,212,024	955,036,277
1	Artificial feathers, flowers.....	17	\$ 87,678	\$ 31,263	\$ 118,941	\$ 217,362
2	Artificial limbs.....	9	10,098	22,641	32,739	82,326
3	Artificial stone.....	3	4,953	693	5,646	19,329
4	Artists' materials.....	10	284,181	71,700	355,881	494,341
5	Automobile bodies, parts.....	4	7,545	5,140	12,686	29,095
6	Automobiles.....	7	103,740	61,591	165,331	324,710
7	Awnings, tents, sails.....	11	2,007,624	130,966	2,138,590	2,659,135
8	Babbitt metal, solder.....	9	764,476	58,918	823,394	1,007,297
9	Bags, other than paper.....	4	641,602	20,098	661,700	808,784
10	Bags, paper.....	4	63,764	4,762	68,526	93,929
11	Baking and yeast powder.....	16	1,480,925	1,306,383	2,787,308	3,890,258
12	Baskets, rattan, willow ware.....	10	30,297	7,620	37,917	89,230
13	Belting and hose, leather.....	10	616,680	114,134	730,814	1,055,050
14	Bicycles and tricycles.....	11	511,151	75,901	587,052	1,154,400
15	Billiard tables, materials.....	8	18,859	10,795	29,654	55,859
16	Blacking.....	10	247,558	41,634	289,192	396,674
17	Blueing.....	4	31,595	52,642	84,237	130,523
18	Bookbinding, blank book making.....	67	919,857	231,599	1,151,456	2,502,776
19	Boot and shoe findings.....	4	40,458	9,553	50,011	86,850
20	Boots and shoes.....	27	3,379,703	387,534	3,767,237	5,592,684
21	Boxes, cigar.....	10	198,013	37,616	235,629	478,266
22	Boxes, fancy, paper.....	39	1,323,755	317,974	1,641,729	2,825,271
23	Boxes, wooden packing.....	22	3,600,304	283,719	3,884,023	5,952,188
24	Brass.....	3	157,548	8,764	166,312	414,402
25	Brass castings, finishing.....	19	1,339,836	64,443	1,404,279	1,882,985

Table 3—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
CHICAGO—Continued.						
26	Brassware .....	21	\$ 327,488	\$ 97,146	\$ 424,634	\$ 897,690
27	Bread, other bakery products.....	852	11,131,937	1,512,721	12,644,658	20,653,538
28	Brick and tile .....	26	308,977	248,202	557,179	1,572,658
29	Brooms and brushes.....	62	529,698	81,835	611,533	1,048,318
30	Butter reworking.....	4	1,306,113	53,015	1,359,128	1,501,069
31	Buttons.....	11	22,062	12,300	34,362	71,204
32	Calcium lights.....	3	6,177	4,926	11,103	23,600
33	Canning, preserving, fish.....	4	13,210	735	13,945	22,060
34	Canning, preserving, fruits, vegetables.....	3	109,563	10,601	120,164	156,760
35	Carpets, rag.....	39	31,648	21,304	52,952	212,302
36	Carriage and wagon materials.....	9	52,026	8,580	60,606	122,100
37	Carriages and sleds, children.....	4	135,971	53,579	189,550	322,150
38	Carriages and wagons.....	113	1,759,973	433,742	2,193,715	3,953,921
39	Cars, gen. shop cons., repairs, steam.....	22	4,992,745	117,619	5,110,364	11,171,554
40	Cars, gen. shop cons., repairs, street.....	8	403,239	38,174	441,413	1,109,756
41	Cars, steam railroad.....	11	15,760,675	936,507	16,697,082	23,798,900
42	Cash registers, Calculating machines.....	7	30,758	76,666	107,424	321,015
43	Chemicals.....	8	1,026,055	203,619	1,229,674	1,724,275
44	Cleansing, polishing preparations.....	25	109,196	34,725	143,921	259,862
45	Cloth, sponging, refinishing.....	5	3,254	13,526	16,780	90,400
46	Clothing, men's.....	563	25,993,606	9,020,386	35,013,992	53,230,436
47	Clothing, men's buttonholes.....	14	7,383	4,086	11,469	46,027
48	Clothing, women's.....	174	6,010,503	1,170,624	7,181,127	11,636,818
49	Coffee, spice, roasting, grinding.....	23	12,319,243	1,281,203	13,600,446	15,563,301
50	Coffins, burial cases, undertakers goods.....	10	632,357	181,597	813,954	1,297,343
51	Confectionery.....	62	3,593,737	783,261	4,376,998	6,550,183
52	Cooperage.....	42	1,985,742	110,396	2,096,138	3,084,473
53	Coppersmithing, iron sheet working.....	131	1,943,426	394,430	2,337,856	4,393,371
54	Cordials and syrups.....	4	310,933	65,801	376,734	455,926
55	Cork cutting.....	5	76,349	18,641	94,990	180,968
56	Corsets.....	11	191,671	104,731	296,402	558,694
57	Cutlery and edge tools.....	4	171,214	67,985	239,199	447,146
58	Dairymen's, poulterer's, apiarist's supplies.....	5	199,457	17,517	216,974	270,950
59	Dentists' materials.....	8	24,285	22,068	46,353	115,150
60	Druggists' preparations.....	11	412,893	330,354	743,247	1,205,626
61	Dyeing, finishing textiles.....	5	9,125	18,401	27,526	101,919
62	Electrical machinery, apparatus, supplies.....	76	7,501,453	1,899,184	9,400,637	16,291,546
63	Electro plating.....	23	54,089	42,565	96,654	327,058
64	Engraving, diesinking.....	36	43,934	41,322	85,256	375,824
65	Engraving, steel plate printing.....	21	218,992	92,060	311,052	760,932
66	Engraving, wood.....	16	12,821	32,047	44,868	196,124
67	Fancy articles not elsewhere specified.....	35	655,048	296,385	951,433	1,649,747
68	Fire extinguishers, chemical.....	4	25,125	5,524	30,649	55,900
69	Flags and banners.....	6	61,549	14,273	75,822	109,300
70	Flavoring extracts.....	28	831,314	208,020	1,039,334	1,451,654
71	Flour, grist mill products.....	5	3,671,555	51,458	3,723,013	3,919,276
72	Food preparations.....	47	2,245,566	170,612	2,416,178	3,228,835
73	Foundry, machine shop products.....	423	20,858,335	5,542,168	26,400,503	51,774,695
74	Foundry supplies.....	3	174,715	15,210	189,925	232,500
75	Fur goods.....	34	815,675	130,039	945,714	1,420,558
76	Furnishing goods, men's.....	31	2,130,688	421,974	2,552,662	3,502,769
77	Furniture.....	153	7,463,180	1,882,080	9,345,260	17,488,257
78	Furs, dressed.....	6	56,695	16,155	72,850	146,780
79	Galvanizing.....	3	52,605	7,085	59,690	103,580
80	Gas and lamp fixtures.....	30	911,185	297,199	1,208,384	2,257,653
81	Gas machines and meters.....	8	25,228	166,526	191,754	176,159
82	Glass cutting, staining, ornamenting.....	35	441,850	138,451	580,301	1,309,906
83	Gloves and mittens, leather.....	21	748,598	177,966	926,564	1,511,086
84	Glue.....	5	1,339,420	221,590	1,561,010	2,318,182
85	Gold and silver, leaf, foil.....	5	100,344	3,466	103,810	222,640
86	Gold and silver, reducing, refining.....	3	1,308,276	41,262	1,349,538	1,448,276
87	Grease and tallow.....	13	1,417,001	145,335	1,562,336	2,302,938
88	Hairwork.....	13	121,354	51,999	173,353	346,264
89	Hand knit goods.....	16	66,108	8,548	74,656	150,688

Table 3—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
CHICAGO—Continued.						
90	Hand stamps.....	19	58,578	\$ 50,099	\$ 108,677	\$ 232,906
91	Hardware.....	49	1,479,489	428,950	1,908,439	3,290,849
92	Hardware, saddlery.....	5	9,605	1,893	11,498	40,560
93	Hats and caps, other than felt, straw, wool.....	35	536,057	63,980	600,037	1,027,218
94	Hats, felt.....	4	52,746	4,582	57,328	99,488
95	Hosiery and knit goods.....	14	554,694	195,466	750,160	1,158,526
96	House furnishing goods not elsewhere specified.....	17	601,680	115,902	717,582	942,200
97	Ice, manufactured.....	3	86,744	71,835	158,579	349,033
98	Ink, printing.....	6	99,475	58,919	158,394	257,200
99	Ink, writing.....	4	251,778	64,688	316,466	429,052
100	Instruments, professional, scientific.....	25	87,826	106,764	194,690	519,307
101	Iron and steel, steel works, rolling mills.....	5	16,710,585	1,688,737	18,399,322	24,839,623
102	Iron and steel, bolts, nuts, washers, rivets.....	3	111,994	17,764	129,758	231,096
103	Iron and steel, doors and shutters.....	4	87,560	27,282	114,822	259,983
104	Iron and steel forgings.....	8	646,688	67,891	714,579	1,338,300
105	Iron and steel, nails, spikes cut and wrought.....	3	183,230	68,256	251,486	405,225
106	Ivory and bone work.....	3	1,198	1,317	2,515	14,529
107	Jewelry.....	41	798,403	122,210	920,613	1,745,875
108	Jewelry and instrument cases.....	9	55,744	9,715	65,459	131,762
109	Labels and tags.....	9	123,684	37,426	161,110	324,096
110	Lamps and reflectors.....	10	97,813	26,079	123,892	227,696
111	Lapidary work.....	4	81,922	3,710	85,632	140,500
112	Leather goods.....	32	562,797	95,100	657,897	1,129,031
113	Leather, tanned, curried, finished.....	23	7,133,191	368,256	501,447	9,420,426
114	Lime.....	3	46,530	43,430	89,960	470,318
115	Liquors, malt.....	56	3,529,184	8,813,069	12,342,253	16,983,421
116	Lithographing and engraving.....	22	465,735	159,529	625,262	1,391,852
117	Looking glass, picture frames.....	67	1,872,225	988,150	2,860,375	5,045,414
118	Lumber, planing mill products, sashes, doors.....	132	8,162,846	814,089	8,976,935	13,855,883
119	Malt.....	16	6,247,018	526,232	6,773,250	7,983,970
120	Marble and stone work.....	64	1,102,054	334,592	1,436,646	2,869,176
121	Mattresses and spring beds.....	46	1,010,525	189,394	1,199,919	1,753,342
122	Millinery and lace goods.....	44	2,805,948	526,502	2,832,450	4,788,212
123	Mineral and soda water.....	44	332,326	108,835	441,161	1,027,646
124	Mirrors.....	14	581,489	83,809	665,298	1,179,373
125	Models, patterns, not including paper.....	49	75,428	48,180	123,608	493,565
126	Monuments and tombstones.....	9	141,735	143,045	284,780	486,644
127	Mucilage and paste.....	9	271,662	30,208	301,870	525,047
128	Musical inst'mts, materials, not spec.....	24	205,404	55,940	261,444	663,284
129	Musical instruments, organs.....	6	138,530	14,229	152,759	303,949
130	Musical instruments, pianos.....	23	2,798,102	981,791	3,782,893	7,260,075
131	Musical instruments, piano, organ, materials.....	3	479,560	31,154	510,714	923,702
132	Nets and seines.....	3	139,629	27,814	167,443	238,376
133	Oil, linseed.....	5	4,018,492	551,441	4,569,933	4,811,717
134	Oil, not elsewhere specified.....	7	226,881	39,210	266,091	372,518
135	Oleomargarine.....	3	2,899,556	159,469	3,059,025	3,335,223
136	Optical goods.....	8	64,296	28,333	92,629	294,361
137	Paints.....	31	6,090,018	993,204	7,083,222	8,863,216
138	Paper goods, not elsewhere spec.....	29	325,480	95,318	420,798	780,628
139	Patent medicines, compounds.....	203	2,038,880	4,000,233	6,039,113	9,627,664
140	Paving and paving materials.....	4	160,754	35,310	196,064	301,015
141	Pens, gold.....	3	13,962	4,974	18,936	41,824
142	Perfumery and cosmetics.....	34	381,003	412,607	793,610	1,108,761
143	Photographic apparatus.....	7	7,750	7,068	14,817	47,700
144	Photographic materials.....	12	273,901	104,936	378,837	754,629
145	Photo lithographing, photo engraving.....	18	254,198	175,469	430,667	1,324,428
146	Pickles, preserves and sauce.....	43	2,275,589	380,189	2,655,778	3,703,377
147	Pipes, tobacco.....	3	70,804	12,298	83,102	114,224
148	Plumbers' supplies.....	11	1,564,869	205,124	1,769,993	3,872,804
149	Pottery, terra cotta, fireclay prod.....	12	133,560	154,855	288,415	860,612

Table 3—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
CHICAGO—Concluded.						
150	Printing, publishing, book, job.....	697	\$7,825,000	\$5,411,231	\$13,236,213	\$26,200,564
151	Printing, publishing, music.....	32	61,043	282,024	343,067	579,417
152	Printing, publishing, newspaper, per.....	423	5,381,519	6,031,961	11,413,480	21,597,358
153	Printing materials.....	14	91,223	81,753	172,976	358,710
154	Pumps, not including steam.....	9	81,779	20,332	102,111	198,905
155	Refrigerators.....	4	78,594	15,078	93,672	173,924
156	Regalia, society banners, emblems.....	14	128,535	24,443	152,968	273,966
157	Roofing and roofing materials.....	6	739,436	100,860	840,296	1,083,778
158	Rubber and elastic goods.....	10	1,645,165	385,675	2,030,840	2,807,539
159	Saddlery and harness.....	31	1,089,216	163,573	1,252,789	1,935,660
160	Sausage.....	24	715,418	24,938	740,356	967,476
161	Saws.....	7	509,504	145,598	655,102	1,024,249
162	Scales and balances.....	8	97,275	47,688	144,963	300,794
163	Sewing machines, attachments.....	5	57,024	46,218	103,242	359,070
164	Shipbuild'g, wooden, boat b'ld'g.....	7	58,075	35,404	93,479	244,420
165	Shirts.....	30	661,511	149,577	811,085	1,385,539
166	Show cases.....	15	195,170	40,235	235,405	445,590
167	Silk and silk goods.....	9	496,015	35,404	531,459	735,242
168	Slaughtering, meat packing, wholesale.....	24	230,966,378	11,539,152	242,405,530	262,586,609
169	Slaughtering, wholesale, not packing.....	8	6,172,193	88,904	6,261,097	6,994,877
170	Smelting, refining, not from ore.....	6	1,002,298	22,314	1,024,712	1,140,696
171	Soap.....	23	9,125,379	2,106,600	11,231,979	13,769,946
172	Soda water apparatus.....	5	640,399	156,864	797,263	1,456,102
173	Sporting goods.....	12	311,161	67,483	378,644	632,142
174	Springs, steel, car, carriage.....	4	261,616	101,438	363,054	703,825
175	Stamped ware.....	11	373,790	138,714	512,504	820,173
176	Stationery goods, not elsewhere spec.....	29	370,606	260,427	631,033	1,256,297
177	Statuary and art goods.....	7	75,584	59,324	134,908	510,432
178	Steam fitting, heating apparatus.....	11	514,918	89,370	604,288	1,066,422
179	Steam packing.....	11	222,312	46,855	269,167	467,585
180	Stencils and brands.....	6	25,238	11,293	36,531	139,416
181	Stereotyping and electrotyping.....	18	224,007	109,971	333,978	1,164,940
182	Stoves, furnaces, not inc., gas, oil.....	20	877,833	369,479	1,247,312	2,138,248
183	Structural iron work.....	68	4,106,576	516,475	4,623,051	8,279,675
184	Sugar, molasses, refining.....	5	1,468,514	85,735	1,554,249	1,744,880
185	Surgical appliances.....	18	400,241	114,942	515,183	922,100
186	Tinware.....	26	1,639,298	193,828	1,833,126	2,923,968
187	Tobacco, chewing, smoking, snuff.....	24	1,802,506	1,821,612	3,624,118	4,229,733
188	Tobacco, cigars and cigarettes.....	936	2,396,243	1,010,718	3,406,961	6,786,889
189	Tools, not elsewhere specified.....	33	176,433	40,270	216,703	498,610
190	Toys and games.....	19	104,870	44,633	149,503	269,477
191	Trunks and valises.....	19	840,389	171,141	1,011,530	1,958,663
192	Type foundries.....	3	229,471	120,158	349,629	808,952
193	Typewriters and supplies.....	8	52,029	29,269	81,298	372,650
194	Umbrellas and canes.....	4	11,861	8,339	19,700	39,100
195	Upholstering materials.....	11	963,593	115,988	1,079,581	1,635,436
196	Varnishes.....	21	2,112,327	654,373	2,766,700	3,801,732
197	Vaults, lights and ventilators.....	4	34,444	3,906	38,350	81,116
198	Vinegar and cider.....	4	393,447	93,411	486,858	617,571
199	Washing machines, clothes wringers.....	6	25,470	47,343	72,813	117,900
200	Whips.....	3	21,681	4,854	26,535	66,928
201	Window shades, fixtures.....	22	945,144	144,035	1,089,179	1,445,335
202	Wire work, wire rope and cable.....	36	221,531	50,045	271,576	545,914
203	Wood carpet.....	3	62,707	13,494	76,201	150,886
204	Wood, turned and carved.....	48	275,335	74,713	350,048	737,596
205	Woodenware, not elsewhere spec.....	12	149,755	24,288	174,043	321,036
206	Wool pulling.....	3	2,412	3,610	6,022	34,424
207	All other industries.....	113	56,174,198	4,690,162	60,864,360	88,705,266
DECATUR.....						
		116	\$5,593,355	\$587,004	\$6,180,359	\$8,667,302
1	Agricultural implements.....	5	\$ 178,882	\$ 18,004	\$ 196,886	\$ 326,183
2	Bread and other bakery products.....	4	159,378	22,136	181,514	302,930
3	Carriages.....	3	13,997	2,298	16,195	41,255
4	Coppersmithing and sheet iron working.....	5	12,024	3,221	15,245	33,513
5	Flavoring extracts.....	3	23,758	9,252	33,010	61,827
6	Flour and grist mill products.....	5	3,008,006	49,991	3,057,997	3,407,504

Table 3—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
DECATUR—Concluded.						
7	Foundry and machine shop products...	7	\$ 219,206	\$ 21,859	\$ 241,065	\$ 369,506
8	Mineral and soda waters .....	3	11,852	3,175	15,027	47,964
9	Printing and publishing, book and job.	6	22,810	6,043	28,853	65,300
10	Printing and publishing, newspapers and periodicals .....	4	29,642	17,638	47,280	151,546
11	Tobacco, cigars and cigarettes .....	18	40,586	18,363	58,961	130,753
12	All other industries .....	53	1,878,202	415,024	2,293,226	3,739,032
EAST ST. LOUIS .....						
		94	\$30,225,640	\$1,870,060	\$32,095,700	\$37,586,198
1	Bread and bakery products .....	11	\$ 126,965	\$ 21,996	\$ 148,961	\$ 220,649
2	Carriages and wagons .....	3	20,066	1,316	21,316	47,960
3	Cars and general shop construction and repairs by steam railroad companies.	4	223,674	2,665	226,339	540,508
4	Coppersmithing and sheet iron working ..	4	15,689	2,387	18,066	50,886
5	Foundry and machine shop products...	5	708,739	79,320	788,059	1,417,262
6	Iron and steel, steel works and rolling mills .....	3	1,232,201	121,115	1,353,316	2,409,700
7	Lumber, planing mill products, including sash, doors and blinds .....	7	98,158	12,792	110,950	236,135
8	Mineral and soda waters .....	5	16,874	8,774	25,648	55,961
9	Printing and publishing, book and job.	3	6,582	4,019	10,601	30,360
10	Printing and publishing, newspapers and periodicals .....	6	12,588	6,381	18,964	52,533
11	Tobacco, cigars and cigarettes .....	9	11,312	6,896	18,208	38,727
12	All other industries .....	34	27,755,817	1,602,399	29,358,216	32,485,545
ELGIN .....						
		76	\$4,090,259	\$1,186,634	\$5,276,893	\$9,349,274
1	Bread and other bakery products .....	7	\$ 69,508	\$ 8,173	\$ 77,676	\$ 121,916
2	Carpets, rag .....	3	3,124	1,901	5,025	22,802
3	Cooperage .....	3	526,963	86,365	613,328	777,256
4	Foundry and machine shop products..	6	86,725	12,462	99,187	205,299
5	Printing and publishing, book and job.	3	17,490	2,123	19,603	69,545
6	Printing and publishing, newspapers and periodicals .....	7	194,664	160,437	355,101	615,879
7	Tobacco, cigars and cigarettes .....	8	34,496	13,588	48,084	88,090
8	All other industries .....	39	3,157,304	901,585	4,058,889	7,448,504
JOLIET .....						
		106	\$21,705,492	\$1,861,102	\$23,566,594	\$33,788,700
1	Bread and other bakery products .....	15	\$ 99,121	\$ 9,438	\$ 108,559	\$ 177,137
2	Foundry and grist mill products .....	3	23,065	455	23,520	28,400
3	Foundry and machine shop products..	12	304,113	61,048	365,161	779,649
4	Furniture .....	3	187,969	79,006	266,975	356,416
5	Liquors, malt .....	3	86,830	109,137	195,967	313,152
6	Lumber, planing mill products, including sash, doors and blinds .....	3	41,105	1,732	42,837	81,616
7	Mineral and soda waters .....	3	5,691	1,318	7,009	21,176
8	Monuments and tomb stones .....	3	26,685	7,775	34,460	52,406
9	Printing and publishing, book and job.	4	6,396	1,028	7,414	18,727
10	Printing and publishing, newspapers and periodicals .....	5	47,183	16,943	64,126	170,144
11	Tobacco, cigars and cigarettes .....	15	41,965	16,044	58,009	115,065
12	All other industries .....	37	20,835,379	1,557,178	22,392,557	31,674,812
PEORIA .....						
		265	\$16,050,664	\$37,874,872	\$53,925,536	\$60,920,411
1	Agricultural implements .....	6	\$1,007,653	\$ 276,546	\$ 1,284,199	\$ 2,309,962
2	Bread and other bakery products .....	40	429,776	24,369	454,145	680,449
3	Brooms and brushes .....	3	4,630	269	5,119	8,900
4	Carriages and wagons .....	6	128,249	19,578	147,827	210,813

Table 3—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
PEORIA—Concluded.						
5	Cars and general shop construction and repairs by steam railroad companies.	4	\$ 101,900	\$ 3,512	\$ 105,412	\$ 350,112
6	Cooperage	4	983,785	23,741	1,007,526	1,287,742
7	Coppersmithing and sheet iron working	7	106,484	10,079	118,543	200,006
8	Flour and grist mill products	3	487,314	24,967	512,301	593,527
9	Food preparations	4	208,817	20,296	229,113	363,633
10	Foundry and machine shop products	16	220,066	66,722	286,788	589,934
11	Furniture	3	48,169	4,695	52,864	93,027
12	Gypsum wall plaster	3	46,273	928	47,199	62,238
13	Liquors, distilled	6	4,944,027	36,288,908	41,232,935	42,170,915
14	Liquors, malt	3	183,751	312,867	496,618	887,570
15	Lumber, planing mill products, including sash, doors and blinds	5	177,167	14,642	191,809	324,776
16	Mineral and soda waters	3	13,778	3,346	17,124	75,000
17	Models and patterns, not including paper patterns	3	1,321	1,676	2,997	15,050
18	Printing and publishing, book and job	13	84,468	21,656	106,124	269,919
19	Printing and publishing, newspapers and periodicals	13	81,266	39,149	120,435	337,799
20	Saddlery and harness	3	68,171	11,320	79,491	150,925
21	Slaughtering and meat packing, wholesale	3	1,316,228	47,981	1,364,209	1,480,398
22	Stoves and furnaces, not including gas and oil stoves	3	77,958	43,915	121,873	355,843
23	Tinware	3	102,730	7,928	110,658	195,032
24	Tobacco, cigars and cigare tes	43	161,913	83,222	245,135	479,104
25	All other industries	65	5,062,570	522,522	5,585,092	7,447,844
QUINCY		234	\$5,187,502	\$1,461,575	\$6,649,077	\$10,748,224
1	Agricultural implements	3	\$ 148,207	\$ 47,121	\$ 195,328	\$ 343,865
2	Bread and other bakery produces	11	53,495	3,974	57,469	93,069
3	Brick and tile	8	11,099	2,678	13,777	56,152
4	Brooms and brushes	4	3,234	290	3,514	6,375
5	Carpets, rag	3	1,322	1,666	2,988	10,032
6	Carriages and wagons	11	381,852	56,241	438,093	767,862
7	Clothing, men's	5	248,939	24,696	273,637	373,322
8	Confectionery	5	80,770	22,193	102,963	187,470
9	Dairymen's, poulterers' and apiarists' supplies	7	134,376	150,463	284,839	416,092
10	Flour and grist mill products	5	472,737	15,042	487,779	537,159
11	Foundry and machine shop products	15	301,381	69,629	371,010	824,498
12	Furniture	4	19,183	1,383	20,566	54,118
13	Lime	3	69,783	8,288	78,021	140,984
14	Liquors, malt	3	213,814	133,717	347,531	500,548
15	Lumber, planing mill products, including sash, doors and blinds	5	104,520	34,950	139,470	233,486
16	Patent medicines and compounds	5	7,879	4,743	12,622	28,347
17	Printing and publishing, book and job	16	56,160	37,104	93,264	214,112
18	Printing and publishing, newspapers and periodicals	13	49,861	54,715	104,576	263,726
19	Saddlery and harness	3	170,976	17,452	188,428	281,517
20	Show cases	3	163,951	39,492	203,443	400,767
21	Stoves and furnaces, not including gas and oil stoves	12	470,518	322,899	793,417	1,653,975
22	Tobacco, cigars and cigarettes	34	44,057	19,689	63,746	127,642
23	All other industries	56	1,979,438	393,158	2,372,596	3,233,096
ROCKFORD		180	\$8,066,001	\$1,414,824	\$9,480,825	\$15,276,129
1	Agricultural implements	4	\$ 631,022	\$265,285	\$ 896,307	\$1,161,086
2	Boots and shoes	3	94,789	6,696	101,475	153,055
3	Bread and other bakery products	8	127,139	6,855	133,994	180,725
4	Carriages and wagons	3	7,532	1,454	8,986	27,384

Table 3—Concluded.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
ROCKFORD—Concluded.						
5	Clothing, men's .....	3	\$ 151,218	\$ 23,681	\$ 174,899	\$ 265,409
6	Coppersmithing and sheet iron working .....	4	8,833	1,062	9,895	27,773
7	Dairymen's, poulterers' and apiarists' supplies .....	3	55,614	13,090	68,694	142,593
8	Foundry and machine shop products .....	23	321,234	82,659	403,893	1,107,493
9	Furniture .....	13	1,057,368	236,245	1,293,613	2,612,300
10	Hardware .....	3	9,773	3,875	13,648	43,062
11	Hosiery and knit goods .....	4	1,413,125	159,690	1,572,815	2,133,078
12	Lumber, planing mill products, including sash, doors and blinds .....	4	31,167	6,908	37,975	168,267
13	Mineral and soda waters .....	3	4,275	1,906	6,181	17,079
14	Monuments and tombstones .....	4	32,819	6,304	39,123	59,715
15	Patent medicines and compounds .....	4	3,022	801	3,823	8,004
16	Printing and publishing, book and job .....	8	35,436	13,989	49,425	110,330
17	Printing and publishing, newspapers and periodicals .....	6	29,347	29,330	58,677	176,369
18	Pumps, not including steam pumps .....	3	96,802	9,685	106,487	287,896
19	Tobacco, cigars and cigarettes .....	5	6,166	3,093	9,259	16,957
20	All other industries .....	72	3,909,320	542,336	4,451,756	6,598,164
SPRINGFIELD .....		122	\$2,490,301	\$627,603	\$3,117,904	\$5,796,637
1	Bread and other bakery products .....	10	\$ 132,171	\$ 6,747	\$ 138,918	\$ 203,830
2	Carriages and wagons .....	4	12,227	1,933	14,160	28,147
3	Cars and general shop construction and repairs by steam railroad companies .....	4	319,051	4,656	323,707	659,877
4	Coppersmithing and sheet iron working .....	6	47,485	3,690	51,165	95,200
5	Foundry and machine shop products .....	4	152,576	80,001	232,577	427,252
6	Lumber, planing mill products, including sash, doors and blinds .....	4	130,540	5,496	136,026	279,865
7	Mineral and soda waters .....	3	1,869	2,071	3,940	12,500
8	Monuments and tombstones .....	3	40,916	2,240	43,156	83,950
9	Printing and publishing, book and job .....	8	39,341	15,796	55,137	193,770
10	Printing and publishing, newspapers and periodicals .....	8	53,961	55,042	109,003	276,714
11	Tobacco, cigars and cigarettes .....	32	64,077	25,769	89,846	194,990
12	All other industries .....	36	1,496,067	424,132	1,920,269	3,340,542

Table 4 recapitulates table 3 by cities. The total cost of material, etc., for the State is shown to be \$1,012,242,883; of this sum \$834,597,714, or 82.5 per cent, is accounted for by industries in these cities.

The value of the product of all industries for the State, for the year, was \$1,410,342,129; the eleven cities represent \$1,150,275,240, or 81.6 per cent of the total amount.

**TABLE 4—Recapitulation of Table 3—Eleven Cities—20,000 population and over—Value of Stock and Material Used, Miscellaneous Expenses, Total Expenses and Total Value of Product, 1904.**

Number.	CITIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of product, including custom work and repairing.
			Cost of material used.	Miscellaneous expenses.	Total.	
	THE STATE .....	14,921	\$840,057,316	\$172,185,567	\$1,012,242,883	\$1,410,342,129
	ELEVEN CITIES .....	9,536	690,353,160	144,244,557	834,597,717	1,150,275,240
	Per cent of the State .....	63.9	82.2	83.8	82.5	81.6
1	Aurora .....	103	3,538,169	660,437	4,198,606	7,329,028
2	Bloomington .....	81	3,491,784	402,418	3,894,199	5,777,060
3	Chicago .....	8,159	589,913,993	96,298,031	686,212,024	955,036,277
4	Decatur .....	116	5,593,355	587,004	6,180,359	8,667,302
5	East St. Louis .....	94	30,225,640	1,870,060	32,095,700	37,596,196
6	Elgin .....	76	4,090,259	1,186,634	5,276,893	9,349,274
7	Joliet .....	106	21,705,492	1,861,102	23,566,594	33,788,700
8	Peoria .....	265	16,050,664	37,874,872	53,925,536	60,920,411
9	Quincy .....	234	5,187,502	1,461,575	6,649,077	10,748,224
10	Rockford .....	180	8,066,001	1,414,824	9,480,825	15,276,129
11	Springfield .....	122	2,490,301	627,603	3,117,904	5,796,637



Table 5 gives the number of proprietors also salaried officials, and the total amount paid for salaries; also the average number of wage earners and the total wages paid; these are shown by industries in each city, as well as the total for each locality.

TABLE 5—*Eleven Cities—20,000 population and over—Number of Proprietors, Firm Members, Salaried Officers, Salaries Paid, also Average total Number of Employes and Wages Paid—By Cities and Industries, 1904.*

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro-prietors and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
	AURORA.....	103	91	348	\$386,570	4,078	\$2,068,101
1	Bread and other bakery products.....	8	7	2	4,000	36	23,333
2	Carriages and wagons.....	4	5	14	13,887	75	43,584
3	Clothing, women's.....	3	5	6	3,486	75	29,725
4	Coppersmithing and sheet iron working.....	5	7	2	425	24	17,399
5	Foundry and machine shop products.....	8	1	61	68,622	565	293,728
6	Printing and publishing, book and job.....	5	6	16	16,460	287	139,081
7	Printing and publishing newspapers and periodicals.....	5	5	13	11,164	38	21,916
8	Tobacco, cigars and cigarettes.....	17	23	3	2,410	63	31,847
9	All other industries.....	48	32	231	266,136	2,915	1,467,488
	BLOOMINGTON.....	81	78	326	268,494	2,275	1,228,407
1	Bread and other bakery products.....	4	3	2	1,600	52	24,204
2	Brick and tile.....	3	1	6	5,137	82	40,072
3	Carriages and wagons.....	3	1	8	13,400	69	34,425
4	Confectionery.....	3	1	14	10,925	253	42,168
5	Foundry and machine shop products.....	7	4	26	28,378	151	88,007
6	Lumber, planing mill products, including sash, doors and blinds.....	4	4	10	8,932	64	46,000
7	Patent medicines and compounds.....	5	10	4	4,800	18	10,980
8	Printing and publishing, book and job.....	8	6	25	15,675	125	47,444
9	Printing and publishing, newspapers and periodicals.....	5	5	90	45,550	30	27,376
10	Tobacco, cigars and cigarettes.....	15	19	4	2,270	62	29,621
11	All other industries.....	24	24	137	131,827	1,369	838,100
	CHICAGO.....	8159	7,269	40,276	\$45,601,201	241,984	136,404,696
1	Artificial feathers, flowers.....	17	21	9	7,410	171	50,978
2	Artificial limbs.....	9	3	15	10,748	29	22,964
3	Artificial stone.....	9	3	8	2,000	12	6,323
4	Artists' materials.....	10	7	48	41,007	116	52,991
5	Automobile bodies, parts.....	4	4	2	2,010	21	6,961
6	Automobiles.....	7	3	15	26,190	145	99,433
7	Awnings, tents, sails.....	11	14	62	68,053	558	306,184
8	Babbitt metal, solder.....	9	4	25	30,401	62	34,931
9	Bags, other than paper.....	4	2	21	21,430	127	47,486
10	Bags, paper.....	4	5	3	2,170	30	11,884
11	Baking and yeast powders.....	16	14	145	199,963	645	317,062

Table 5—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro-prietors and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
CHICAGO—Continued.							
12	Baskets, rattan, willow ware.....	10	11	1	1,560	56	26,992
13	Belting and hose, leather..	10	6	63	82,306	157	95,580
14	Bicycles and tricycles.....	11	5	80	81,584	966	592,217
15	Billiard tables, materials..	8	9	1	624	21	10,873
16	Blacking.....	10	9	25	23,666	128	45,062
17	Bluing.....	4	3	14	12,700	25	10,352
18	Bookbinding, blankbook making.....	67	68	211	208,532	1,505	776,507
19	Boot and shoe findings.....	4	3	4	4,900	73	27,488
20	Boots and shoes.....	27	24	162	195,004	2,144	1,185,595
21	Boxes, cigar.....	10	10	26	27,759	344	130,016
22	Boxes, fancy, paper.....	39	24	193	217,443	2,324	800,134
23	Boxes, wooden packing.....	22	15	159	205,362	2,770	1,216,779
24	Brass.....	3	1	11	19,372	25	15,742
25	Brass castings, finishing..	19	18	47	68,408	415	270,397
26	Brassware.....	21	18	106	116,779	449	247,586
27	Bread, other bakery prod..	862	889	532	498,880	5,785	3,239,803
28	Brick and tile.....	26	3	70	120,981	780	585,417
29	Brooms and brushes.....	62	61	33	34,670	395	204,923
30	Butter, reworking.....	4	6	8	8,284	65	42,221
31	Buttons.....	11	17	4	1,980	47	16,338
32	Calcium lights.....	3	1	6	4,564	7	4,744
33	Canning, preserving, fish..	4	4			4	2,118
34	Canning, preserving, fruits, vegetables.....	3	3	3	4,000	43	17,416
35	Carpets, rag.....	39	42	12	10,036	165	84,445
36	Carriage and wagon materials.....	9	6	5	5,036	58	36,116
37	Carriages and sleds, children.....	4	2	25	23,148	172	83,377
38	Carriages and wagons.....	113	132	136	194,827	1,771	1,057,376
39	Cars, gen. shop cons., repairs, steam.....	22		490	464,508	8,592	5,792,468
40	Cars, gen. shop cons., repairs, street.....	8		26	27,207	985	641,536
41	Cars, steam railroad.....	11		547	620,774	7,059	4,896,877
42	Cash registers, calculating machines.....	7	4	51	58,356	270	152,762
43	Chemicals.....	8	2	92	151,040	351	222,911
44	Cleansing, polishing preparations.....	25	20	24	25,610	46	23,572
45	Cloth, sponging, refinishing.....	5	4	5	7,288	64	47,040
46	Clothing, men's.....	563	693	2,648	2,836,161	18,924	9,406,547
47	Clothing, men's button-holes.....	14	14			55	23,585
48	Clothing, women's.....	164	239	670	690,130	4,308	2,063,259
49	Coffee, spice, roasting, grinding.....	23	21	380	467,088	940	425,025
50	Coffins, burial cases, undertaker's goods.....	10	8	97	116,639	471	235,526
51	Confectionery.....	62	44	381	362,417	2,953	1,017,866
52	Cooperage.....	42	49	77	86,931	1,134	547,644
53	Coppersmithing, sheet iron working.....	131	145	205	248,535	1,515	1,101,122
54	Cordials and syrups.....	4	3	40	54,843	39	19,049
55	Cork cutting.....	5	2	15	21,931	115	41,573
56	Corsets.....	11	12	22	26,170	438	174,611
57	Cutlery and edge tools.....	4	2	11	19,226	419	150,262
58	Dairymen's, poulterer's, apairists supplies.....	5	4	14	12,437	18	9,888
59	Dentists' materials.....	8	7	13	11,500	78	35,945
60	Druggists' preparations.....	11	7	63	105,163	264	132,848
61	Dyeing, finishing textiles.....	5	2	19	22,826	43	20,408
62	Electrical machinery, apparatus, supplies.....	96	38	1,599	1,367,419	5,927	3,098,885
63	Electroplating.....	23	27	21	18,529	234	141,606

Table 5--Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
CHICAGO—Continued.							
64	Engraving, diesinking .....	36	39	34	\$ 30,090	227	\$ 164,368
65	Engraving, steel, plate printing .....	21	16	53	76,009	440	273,688
66	Engraving, wood .....	16	20	23	26,902	89	62,742
67	Fancy articles not else- where specified .....	35	26	119	136,493	772	326,711
68	Fire extinguishers, chem- ical .....	4	3	2	4,300	18	14,460
69	Flags and banners .....	6	4	16	14,068	34	11,564
70	Flavoring extracts .....	28	26	85	92,347	205	105,319
71	Flour, grist mill products.	5	3	31	57,073	116	67,164
72	Food preparations .....	47	43	510	496,193	608	282,216
73	Foundry, machine shop products .....	423	349	3,318	4,233,216	21,728	13,491,537
74	Foundry supplies .....	3	1	7	5,900	46	22,092
75	Fur goods .....	34	38	43	67,350	318	197,925
76	Furnishing goods, men's ..	31	41	219	157,448	1,282	488,126
77	Furniture .....	153	115	866	1,028,855	9,612	5,328,896
78	Furs, dressed .....	6	6	6	10,630	38	26,981
79	Galvanizing .....	3	4	4	4,688	39	20,343
80	Gas and lamp fixtures .....	30	26	156	178,698	837	480,938
81	Gas machines and meters ..	30	4	40	41,894	53	33,137
82	Glass cutting, staining, or- namenting .....	35	36	113	115,215	682	419,104
83	Gloves and mittens, leather	21	27	63	61,842	1,049	389,718
84	Glue .....	5	1	162	199,108	697	468,372
85	Gold and silver, leaf, foil.	5	6	8	8,802	140	74,184
86	Gold and silver, reducing, refining .....	3	5	12	8,552	25	20,720
87	Grease and tallow .....	13	10	82	98,792	560	370,917
88	Hairwork .....	13	9	43	31,193	189	65,239
89	Hand knit goods .....	16	19	3	3,416	97	35,420
90	Hand stamps .....	19	20	44	23,997	97	59,749
91	Hardware .....	49	28	192	302,175	1,255	721,948
92	Hardware, saddlery .....	5	6	1	936	18	11,120
93	Hats and caps, other than felt, straw, wool .....	35	51	23	16,920	436	253,275
94	Hats, felt .....	4	4	7	6,158	34	23,004
95	Hosiery and knit goods .....	14	19	18	18,138	672	226,394
96	House furnishing goods, not elsewhere specified ..	17	12	42	56,399	208	103,606
97	Ice, manufactured .....	3	3	52	46,858	133	77,781
98	Ink, printing .....	6	4	27	36,821	33	17,203
99	Ink, writing .....	4	.....	30	46,078	74	31,463
100	Instruments, professional, scientific .....	25	16	88	74,959	233	138,798
101	Iron and steel, steel works, rolling mills .....	5	.....	506	637,805	5,067	3,526,357
102	Iron and steel, bolts, nuts washers, rivets .....	3	.....	26	14,500	94	52,642
103	Iron and steel, doors and shutters .....	4	1	19	22,244	122	77,048
104	Iron and steel forgings .....	8	4	56	88,499	510	374,253
105	Iron and steel, nails, spikes cut and wrought .....	3	1	16	15,470	184	93,210
106	Ivory and bone work .....	3	2	1	312	9	5,230
107	Jewelry .....	41	49	133	122,782	710	455,013
108	Jewelry and instrument cases .....	9	7	5	8,217	99	38,807
109	Labels and tags .....	9	10	33	41,035	237	87,468
110	Lamps and reflectors .....	10	4	27	25,104	93	50,937
111	Lapidary work .....	4	5	4	2,675	19	18,000
112	Leather goods .....	32	24	63	73,352	469	225,862
113	Leather, tanned, curried, finished .....	23	18	80	111,074	2,479	1,187,585
114	Lime .....	3	.....	21	47,098	345	181,500
115	Liquors, malt .....	56	11	540	1,004,098	2,763	2,127,171

Table 5—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
CHICAGO—Continued.							
116	Lithographing and engraving	22	12	65	\$ 96,893	609	\$ 492,526
117	Looking-glass, picture frames	67	55	477	448,240	2,128	1,133,460
118	Lumber, planing mill products, sashes, doors	132	91	541	639,594	5,024	2,795,900
119	Malt	16	3	94	201,139	451	342,948
120	Marble and stone work	64	81	86	145,887	1,220	849,895
121	Mattresses and spring beds	46	45	74	83,006	755	330,933
122	Millinery and lace goods	44	46	284	269,491	2,699	1,059,087
123	Mineral and soda waters	44	47	30	37,414	473	289,679
124	Mirrors	14	9	56	75,731	415	221,619
125	Models, patterns, not including paper	49	52	26	28,688	273	197,426
126	Monuments and tombstones	9	16	16	24,120	117	101,452
127	Mucilage and paste	9	6	33	24,747	74	32,865
128	Musical instruments, materials, not specified	24	22	41	51,499	484	298,879
129	Musical instruments, organs	6	4	17	15,642	124	88,205
130	Musical instruments, pianos	23	6	436	540,096	4,166	2,328,984
131	Musical instruments, piano, organ, materials	3	1	33	46,859	596	298,641
132	Nets and seines	3	1	17	19,300	89	30,769
133	Oil, linseed	5	2	21	17,090	216	138,534
134	Oil, not elsewhere specified	7	4	25	25,080	13	8,444
135	Oleomargarine	3	.....	75	77,710	258	169,496
136	Optical goods	8	5	17	36,440	141	97,631
137	Paints	31	6	375	571,823	954	552,832
138	Paper goods, not elsewhere specified	29	19	66	69,144	423	153,690
139	Patent medicines, compounds	203	142	1,037	923,180	1,143	472,508
140	Paving materials	4	3	26	26,510	71	35,469
141	Pens, gold	3	1	8	6,431	14	9,936
142	Perfumery and cosmetics	34	24	92	90,538	157	69,506
143	Photographic apparatus	7	7	7	8,448	17	10,451
144	Photographic materials	12	6	193	147,295	243	113,504
145	Photo lithographing, photo engraving	18	5	224	235,942	571	507,407
146	Pickles, preserves and sauce	43	47	141	149,249	964	420,625
147	Pipes, tobacco	3	3	7	7,710	16	9,200
148	Plumbers' supplies	11	4	136	162,326	1,975	1,208,735
149	Pottery, terra cotta, fire-clay products	12	12	74	115,924	621	384,943
150	Printing, publishing, book, job	697	634	2,222	2,436,923	11,484	6,816,681
151	Printing, publishing, music	32	27	171	93,107	40	21,970
152	Printing, publishing, newspaper, periodicals	423	226	3,978	3,924,777	3,386	2,897,231
153	Printing materials	14	13	32	46,273	85	65,284
154	Pumps, not including steam	8	3	13	13,070	58	46,444
155	Refrigerators	4	15	6	9,980	98	56,612
156	Regalia, society banners, emblems	14	13	18	13,414	136	55,662
157	Roofing materials	6	3	42	72,488	152	76,783
158	Rubber and elastic goods	10	5	156	167,175	1,154	452,897
159	Saddlery and harness	31	34	126	122,966	588	351,095
160	Sausage	24	25	13	11,232	154	94,821
161	Saws	7	4	44	50,871	420	287,057
162	Scales and balances	8	3	22	21,719	109	70,380

Table 5—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
CHICAGO—Concluded.							
163	Sewing machines, attach- ments .....	5	5	47	\$ 49,741	241	\$ 152,911
164	Shipbuilding, wooden, boat building .....	7	7	8	11,609	190	112,765
165	Shirts .....	30	30	137	138,871	731	299,386
166	Show cases .....	15	16	17	20,382	201	137,247
167	Silk and silk goods .....	3	1	25	31,342	524	135,579
168	Slaughtering, meat pack- ing, wholesale .....	24	13	4,943	5,922,592	22,391	12,243,111
169	Slaughtering, wholesale, not packing .....	8	25	17	17,584	222	145,103
170	Smelting and refining, not from the ore .....	6	3	10	16,800	25	19,636
171	Soap .....	23	15	537	616,599	1,835	857,450
172	Soda water apparatus .....	5	2	133	128,677	652	363,682
173	Sporting goods .....	12	13	31	25,390	343	153,148
174	Springs, steel, car, carriage	4	.....	48	75,923	316	153,335
175	Stampedware .....	11	5	83	89,843	306	139,796
176	Stationery goods, not else- where specified .....	29	29	111	133,122	505	219,639
177	Statuary and art goods .....	7	3	34	44,456	379	237,596
178	Steamfitting, heating ap- paratus .....	18	13	64	89,026	329	213,075
179	Steam packing .....	11	6	42	39,617	130	65,887
180	Stencils and brands .....	6	4	3	2,964	125	74,414
181	Stereotyping and electro- typing .....	18	8	114	134,892	651	524,346
182	Stoves, furnaces, not in- cluded in gas, oil .....	20	11	85	126,062	752	462,620
183	Structural iron work .....	68	45	496	576,956	3,434	2,092,717
184	Sugar, molasses, refining .....	5	4	31	42,649	135	62,011
185	Surgical appliances .....	18	14	92	137,864	402	153,938
186	Tinware .....	28	17	83	172,069	1,526	692,000
187	Tobacco, chewing, smok- ing, snuff .....	24	25	32	48,520	750	260,597
188	Tobacco, cigars and cigar- ettes .....	936	1,005	190	160,420	3,597	2,022,021
189	Tools, not elsewhere speci- fied .....	33	35	34	30,451	220	137,250
190	Toys and games .....	19	14	22	21,034	149	66,796
191	Trunks and valises .....	19	16	69	102,206	965	496,788
192	Type founding .....	3	2	95	93,034	347	227,766
193	Typewriters and supplies .....	6	7	33	36,294	181	104,481
194	Umbrellas and canes .....	4	2	1	225	27	10,168
195	Upholstering materials .....	11	3	66	100,198	714	284,426
196	Varnishes .....	21	7	259	368,294	241	172,338
197	Vault lights and ventila- tors .....	4	2	3	5,560	34	26,592
198	Vinegar and cider .....	4	.....	28	43,726	102	59,804
199	Washing machines, clothes wringers .....	6	4	10	9,646	15	8,554
200	Whips .....	3	1	7	5,891	70	24,681
201	Window shades, fixtures .....	22	18	46	72,821	387	159,696
202	Wire work, wire rope and cable .....	36	38	36	49,615	250	118,295
203	Wood carpet .....	3	5	10	8,120	57	39,044
204	Wood, turned and carved .....	48	56	35	29,636	389	222,271
205	Woodenware, not else- where specified .....	12	12	12	14,107	152	75,675
206	Wool pulling .....	3	4	1	600	28	13,067
207	All other industries .....	113	57	2,537	2,935,586	17,451	9,968,259

Table 5--Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
	DECATUR.....	116	91	410	\$373,065	2,340	\$1,125,282
1	Agricultural implements..	5	5	20	\$ 23,465	120	\$ 63,353
2	Bread and other bakery products .....	4	2	12	9,846	66	29,692
3	Carriages and wagons .....	3	3	2	2,240	21	8,615
4	Coppersmithing and sheet iron working .....	5	6			17	11,000
5	Flavoring extracts .....	3		16	9,454	22	8,340
6	Flour and grist mill pro- ducts .....	5	1	20	39,945	126	79,186
7	Foundry and machine shop products .....	7	5	34	29,510	198	76,418
8	Mineral and soda waters...	3	2	4	2,948	19	10,479
9	Printing and publishing, book and job .....	6	5	8	6,962	44	20,849
10	Printing, publishing, news- papers and periodicals...	4	3	38	25,852	62	36,005
11	Tobacco, cigars, cigarettes	18	23	4	1,855	97	45,298
12	All other industries .....	53	36	252	221,188	1,548	735,987
	EAST ST. LOUIS.....	94	52	847	\$915,154	7,012	\$3,718,986
1	Bread and other bakery products .....	11	9	9	\$ 6,111	58	\$ 40,755
2	Carriages and wagons .....	3	4	3	1,560	24	15,081
3	Cars and general shop con- struction and repairs by steam railroad companies	4		20	17,549	543	296,620
4	Coppersmithing and sheet iron working .....	4	1	3	3,120	29	20,599
5	Foundry and machine shop products .....	5		50	78,005	761	455,705
6	Iron and steel, steel works and rolling mills .....	3		90	110,885	1,557	791,058
7	Lumber, planing mill pro- ducts, including sash, doors and blinds .....	7	2	23	17,480	90	77,076
8	Mineral and soda waters...	5	1	3	1,340	21	11,830
9	Printing and publishing, book and job .....	3	2	2	2,080	22	12,900
10	Printing, publishing, news- papers and periodicals...	6	12	9	8,426	28	15,182
11	Tobacco, cigars, cigarettes	9	9			20	11,009
12	All other industries .....	34	12	635	668,598	3,859	1,971,161
	ELGIN.....	76	72	296	\$427,490	4,885	\$2,712,560
1	Bread and other bakery products .....	7	9			51	\$ 26,842
2	Carpets, rug .....	3	2	9	\$ 4,825	25	9,194
3	Cooperage .....	3	1	20	26,155	251	103,904
4	Foundry and machine shop products .....	6	6	8	10,320	127	81,989
5	Printing, publishing, book and job .....	3	2	5	4,720	49	28,670
6	Printing, publishing, news- papers and periodicals...	7	4	42	68,742	292	139,013
7	Tobacco, cigars, cigarettes	8	11	2	1,296	47	29,822
8	All other industries .....	39	37	210	311,432	4,043	2,293,126

Table 5—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro-prietors and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
	JOLIET .....	106	86	766	\$894,876	6,187	\$3,902,268
1	Bread and other bakery products .....	15	16	5	\$ 1,264	56	\$ 29,766
2	Flour and grist mill products .....	3	3	1	600	3	1,670
3	Foundry and machine shop products .....	12	10	41	68,287	454	306,598
4	Furniture .....	3	.....	33	29,632	60	22,958
5	Liquors, malt .....	3	2	7	20,400	53	39,500
6	Lumber, planing mill products, including sash, doors and blinds .....	3	3	4	4,560	31	17,947
7	Mineral and soda waters .....	3	3	.....	.....	11	5,120
8	Monuments, tomb stones .....	3	3	2	1,000	13	8,091
9	Printing, publishing, book and job .....	4	5	1	954	16	7,148
10	Printing, publishing, newspapers and periodicals .....	5	1	24	23,080	94	58,266
11	Tobacco, cigars, cigarettes .....	15	18	4	2,900	75	31,627
12	All other industries .....	37	22	644	761,199	5,321	3,373,577
	PEORIA .....	265	227	782	\$875,060	5,998	\$3,306,893
1	Agricultural implements .....	6	.....	155	\$195,814	946	\$560,953
2	Bread and other bakery products .....	40	41	24	19,692	172	80,641
3	Brooms and brushes .....	3	3	.....	.....	6	2,940
4	Carriages and wagons .....	6	6	5	5,636	114	56,546
5	Cars and general shop construction and repairs by steam railroad companies .....	4	.....	34	28,913	363	215,787
6	Cooperage .....	4	2	17	37,774	447	175,922
7	Coppersmithing and sheet iron working .....	7	4	14	14,812	55	34,827
8	Flour and grist mill products .....	3	5	10	9,998	32	18,535
9	Food preparations .....	4	2	7	5,757	66	30,902
10	Foundry and machine shop products .....	16	15	38	39,969	327	179,704
11	Furniture .....	3	3	6	5,435	37	20,075
12	Gypsum wall plaster .....	3	1	4	2,395	13	7,622
13	Liquors, distilled .....	6	.....	36	71,966	561	328,477
14	Liquors, malt .....	3	.....	22	34,160	110	79,114
15	Lumber, planing mill products, including sash, doors and blinds .....	5	5	9	9,340	155	94,889
16	Mineral and soda waters .....	3	3	11	6,500	20	10,332
17	Models and patterns, not including paper patterns .....	3	2	1	1,000	9	7,450
18	Printing, publishing, book and job .....	13	14	19	23,324	187	82,350
19	Printing, publishing, newspapers and periodicals .....	13	15	62	54,769	93	82,703
20	Saddlery and harness .....	3	4	8	9,140	47	30,300
21	Slaughtering and meat packing, wholesale .....	3	1	25	29,463	114	66,422
22	Stoves and furnaces, not including gas and oil stoves .....	3	.....	30	37,852	143	84,400
23	Tinware .....	3	3	13	11,488	126	55,025
24	Tobacco, cigars, cigarettes .....	43	45	17	11,840	276	155,433
25	All other industries .....	65	53	215	208,123	1,579	850,544

Table No. 5—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro-prietors and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
	QUINCY .....	234	207	700	\$642,634	4,602	\$2,205,770
1	Agricultural implements..	3	1	26	\$ 26,876	152	\$ 72,559
2	Bread and other bakery products .....	11	13	3	628	28	11,323
3	Brick and tile .....	8	14	2	1,600	50	22,714
4	Brooms and brushes .....	4	4			2	571
5	Carpets, rag .....	3	4	7	830	10	2,891
6	Carriages and wagons .....	11	10	42	38,352	337	165,257
7	Clothing, men's .....	5	1	26	20,446	352	86,964
8	Confectionery .....	5	4	28	18,042	85	22,422
9	Dairymen's, poulterers' and apiarists' supplies ..	7	2	49	31,218	139	51,878
10	Flour and grist mill products .....	5	9	12	6,690	33	17,912
11	Foundry and machine shop products .....	15	11	58	58,415	498	257,810
12	Furniture .....	4	3	4	3,240	41	21,488
13	Lime .....	3	1	18	14,497	110	48,062
14	Liquors, malt .....	3	1	7	13,400	149	102,310
15	Lumber, planing mill products, including sash, doors and blinds .....	5	5	17	20,655	145	71,089
16	Patent medicines and compounds .....	5	6	9	5,854	7	3,562
17	Printing and publishing, book and job .....	16	12	25	23,207	130	50,764
18	Printing and publishing, newspapers and periodicals .....	13	7	55	53,394	54	30,660
19	Saddlery and harness .....	3	5	23	13,200	102	52,747
20	Show cases .....	3	1	24	23,806	239	114,665
21	Stoves and furnaces, not including gas and oil stoves .....	12	5	95	96,491	915	596,690
22	Tobacco, cigars and cigarettes .....	34	36	2	1,140	96	41,085
23	All other industries .....	56	52	168	170,653	928	360,347
	ROCKFORD .....	180	112	618	\$668,736	7,239	\$3,608,384
1	Agricultural implements..	4	3	32	\$ 35,990	386	\$ 219,740
2	Boots and shoes .....	3	1	6	4,654	99	37,653
3	Bread and other bakery products .....	8	11	5	2,768	84	44,604
4	Carriages and wagons .....	3	3			15	8,692
5	Clothing, men's .....	3		16	17,688	148	51,353
6	Coppersmithing and sheet iron working .....	4	9	1	400	20	12,262
7	Dairymen's, poulterers' and apiarists' supplies ..	3	1	6	5,022	79	33,359
8	Foundry and machine shop products .....	23	15	78	84,225	883	475,042
9	Furniture .....	13		81	83,364	1,605	808,574
10	Hardware .....	3	3	7	6,465	36	19,853
11	Hosiery and knit goods .....	4		31	64,314	1,270	435,473
12	Lumber, planing mill products, including sash, doors and blinds .....	4	2	10	11,780	85	53,567
13	Mineral and soda waters ..	3	3			9	5,434
14	Monuments and tombstones .....	4	3	1	1,200	10	9,579
15	Patent medicines and compounds .....	4	1	1	100	2	720
16	Printing and publishing, book and job .....	8	4	16	11,786	81	34,329



Table No. 5—Concluded.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
	ROCKFORD—Concluded.						
17	Printing and publishing, newspapers and periodicals.....	6	2	29	\$ 28,674	57	\$ 54,529
18	Pumps, not including steam pumps.....	3	1	18	26,030	150	87,031
19	Tobacco, cigars and cigar- ettes.....	5	7			7	4,726
20	All other industries.....	72	43	290	284,266	2,213	1,206,804
	SPRINGFIELD.....	122	118	357	\$383,285	3,071	\$1,638,610
1	Bread and other bakery products.....	10	11	1	\$ 364	46	\$ 33,573
2	Carriages and wagons.....	4	5			21	10,250
3	Cars and general shop con- struction and repairs by steam railroads.....	4		42	34,229	468	301,941
4	Coppersmithing and sheet iron working.....	6	1	2	1,800	42	28,910
5	Foundry and machine shop products.....	4	6	39	31,881	241	126,893
6	Lumber, planing mill pro- ducts, including sash doors and blinds.....	4	3	3	2,316	147	108,200
7	Mineral and soda waters ..	3	5			10	5,275
8	Monuments and tomb- stones.....	3	2	3	3,186	34	19,736
9	Printing and publishing, book and job.....	8	4	17	17,176	165	83,346
10	Printing and publishing, newspapers and periodicals.....	8	4	68	49,157	189	97,939
11	Tobacco, cigars and cigar- ettes.....	32	38	2	1,000	126	60,565
12	All other industries.....	36	33	180	242,176	1,582	761,982

Table 6 is a summary of Table 5; the showing is that of the 54,521 salaried officials in all the establishments of the State, 45,726 or 83.9 per cent are in the establishments operated in the eleven cities; these officials received 84.9 per cent of the total salaries paid in all establishments. Of the total average number of wage earners considered, 76.3 per cent were employed in the eleven cities, and received 77.7 per cent of the total wages paid.

TABLE 6—*Recapitulation of Table 5—Eleven Cities—20,000 Population and and over—Number of Proprietors, Firm Members, Salaried Officials, Salaries Paid—Also Average Total Number of Employees and Wages Paid, 1904.*

Number.	CITIES AND INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
	THE STATE .....	14,921	\$ 13,990	\$ 54,521	\$60,559,673	\$ 379,436	\$208,406,468
	ELEVEN CITIES .....	9,536	8,403	45,726	51,436,565	289,671	161,919,957
	Per cent of the State ..	63.9	60.0	83.9	84.9	96.3	77.7
1	Aurora .....	103	91	348	398,570	4,078	2,068,101
2	Bloomington .....	81	78	326	268,494	2,275	1,228,407
3	Chicago .....	8,159	7,269	40,276	45,601,201	241,984	136,404,696
4	Decatur .....	115	91	410	373,095	2,340	1,125,282
5	East St. Louis .....	94	52	847	915,154	7,012	3,718,986
6	Elgin .....	76	72	296	427,490	4,885	2,712,560
7	Joliet .....	106	86	766	894,876	6,187	3,902,268
8	Peoria .....	265	227	782	875,069	5,998	3,306,893
9	Quincy .....	234	207	700	642,634	4,602	2,205,770
10	Rockford .....	180	112	618	668,736	7,239	3,608,384
11	Springfield .....	122	118	357	383,285	3,071	1,638,610

Table 7 presents a division of the wage earners found to be employed in establishments located in these eleven cities; this division represents three classes; men 16 years of age and over, women 16 years of age and over, and children under 16 years of age.

TABLE 7—*Eleven Cities—20,000 Population and over—Average Number of Classified Wage Earners and Wages—By Cities and Industries, 1904.*

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	AURORA .....	103	3, 162	\$1,850,884	797	\$194,674	119	\$22,593
1	Bread and other bakery products.....	8	31	\$21,197	5	\$2,136		
2	Carriages and wagons.....	4	75	43,584				
3	Clothing, women's.....	3	7	4,257	63	25,468		
4	Coppersmithing and sheet iron working.....	5	24	17,399				
5	Foundry and machine shop products.....	8	565	293,728				
6	Printing and publishing, book and job.....	5	161	109,921	116	27,660	10	\$ 1,500
7	Printing and publishing newspapers and periodicals.....	5	31	19,976	6	1,800	1	140
8	Tobacco, cigars and cigarettes.....	17	49	29,904			14	1,943
9	*All other industries.....	48	2,219	1,310,868	602	187,610	94	19,010

\*Embraces babbitt metal and solder, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 2; butter, 1; buttons, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 1; clothing, men's, 1; cooperage, 1; corsets, 2; cotton goods, 1; dyeing and finishing textiles, 2; electrical machinery, apparatus, and supplies, 1; fancy articles, not otherwise specified, 1; flour and grist mill products, 1; furnishing goods, men's 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 2; liquors, malt, 1; looking glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; mineral and soda waters, 1; models and patterns, not including paper patterns, 1; paints, 1; plated ware, 1; saddlery and harness, 2; shirts, 1; stoves and furnaces, not including gas and oil stoves; 1; structural iron work, 1; tinware, 2; tools, not elsewhere specified, 1; typewriters and supplies, 1; watch and clock materials, 1; wool scouring, 1.

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	BLOOMINGTON.....	81	1,921	\$1,154,687	345	\$72,327	9	\$1,398
1	Bread and other bakery products.....	4	41	\$19,912	11	\$4,292		
2	Brick and tile.....	3	81	39,786			1	\$286
3	Carriages and wagons.....	3	67	34,025	2	400		
4	Confectionery.....	3	59	14,529	194	27,639		
5	Foundry and machine shop products.....	7	151	88,007				
6	Lumber, planing mill products, including sash, doors and blinds.....	4	64	46,000				
7	Patent medicines and compounds.....	5	14	10,140	4	850		
8	Printing and publishing, book and job.....	8	100	40,272	25	7,172		
9	Printing and publishing newspapers and periodicals.....	5	29	27,026	1	350		
10	Tobacco, cigars and cigarettes	15	56	28,213	5	1,198	1	210
11	*All other industries.....	24	1,259	806,777	103	30,426	7	897

\*Embraces brooms and brushes, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, 1; flavoring extracts, 2; flour and grist mill products, 2; food preparations, 1; furniture, 2; gas, illuminating and heating, 1; ice, manufactured, 1; liquors, malt, 1; mattresses and spring beds, 1; millinery and lace goods, 1; mineral and soda waters, 1; monuments and tomb stones, 1; saddlery and harness, 2; slaughtering and meat packing, wholesale, 2; stoves and furnaces, not including gas and oil stoves, 2.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	CHICAGO .....	8,159	191,844	\$119,651,490	46,967	\$16,136,719	3,153	\$616,487
1	Artificial feathers, flowers...	17	36	\$ 17,102	180	\$32,602	5	\$1,274
2	Artificial limbs.....	9	28	22,789	1	175		
3	Artificial stone.....	3	12	8,323				
4	Artists' materials.....	10	66	38,780	46	13,532	4	679
5	Automobile bodies parts.....	4	21	6,961				
6	Automobiles.....	7	145	99,433				
7	Awnings, tents, sails.....	11	272	198,064	280	106,826	6	1,294
8	Babbit metal, solder.....	9	59	34,328	2	528	1	75
9	Bags, other than paper.....	4	58	28,552	66	18,450	3	494
10	Bags, paper.....	4	12	7,005	15	4,876		
11	Baking and yeast powders.....	16	307	200,952	338	116,110		
12	Baskets, rattan, willow ware.	10	46	23,683	10	3,299		

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
CHICAGO—Continued.								
13	Belting and hose, leather.....	10	155	\$ 94,380	2	\$ 1,200	.....	.....
14	Bicycles and tricycles.....	11	965	591,956	1	261	.....	.....
15	Billiard tables, materials.....	8	17	9,468	4	1,405	.....	.....
16	Blacking.....	10	62	27,276	53	12,444	13	\$ 5,342
17	Blueing.....	4	9	5,890	14	4,174	2	288
18	Bookbinding, blank book making.....	67	820	553,815	662	218,346	23	4,346
19	Boot and shoe findings.....	4	13	10,608	45	13,880	15	3,000
20	Boots and shoes.....	27	1,392	854,695	710	323,348	42	7,552
21	Boxes, cigar.....	10	152	75,396	180	51,733	12	2,897
22	Boxes, fancy, paper.....	39	652	376,140	1,411	395,250	261	37,744
23	Boxes, wooden packing.....	22	2,723	1,204,601	1	290	46	11,886
24	Brass.....	3	25	15,742	.....	.....	.....	.....
25	Brass castings, finishing.....	19	398	264,424	17	6,973	3	.....
26	Brassware.....	21	433	242,647	13	4,288	.....	650
27	Bread, other bakery products.....	852	4,018	1,717,084	1,711	506,238	66	16,481
28	Brick and tile.....	26	775	583,917	.....	.....	5	1,500
29	Brooms and brushes.....	62	282	174,065	109	30,074	4	783
30	Butter reworking.....	4	64	42,071	1	150	.....	.....
31	Buttons.....	11	27	9,915	17	5,784	3	639
32	Calcium lights.....	3	6	4,120	1	624	.....	.....
33	Canning, preserving, fish.....	4	4	2,118	.....	.....	.....	.....
34	Canning, preserving, fruits, vegetables.....	3	22	12,216	20	5,200	.....	.....
35	Carpets, rag.....	39	140	77,136	18	6,071	7	1,238
36	Carriage and wagon materials.....	9	54	34,632	4	1,484	.....	.....
37	Carriages and sleds, children.....	4	160	78,992	12	4,385	.....	.....
38	Carriages and wagons.....	113	1,759	1,052,487	11	4,681	1	208
39	Cars, gen. shop cons., repairs, steam.....	22	8,545	5,774,852	46	17,353	1	263
40	Cars, gen. shop cons., repairs, street.....	8	982	639,936	3	1,200	.....	.....
41	Cars, steam railroad.....	11	7,009	4,875,875	50	21,002	.....	.....
42	Cash registers, calculating machines.....	7	270	152,762	.....	.....	.....	.....
43	Chemicals.....	8	343	220,155	8	2,756	.....	.....
44	Cleaning, polishing preparations.....	25	43	22,228	3	1,344	.....	.....
45	Cloth, sponging, refinishing.....	5	64	47,040	.....	.....	.....	.....
46	Clothing, men's.....	563	7,878	5,319,138	10,483	3,980,541	563	106,868
47	Clothing, men's buttonholes.....	14	44	20,532	11	3,053	.....	.....
48	Clothing, women's.....	174	1,402	994,575	2,872	1,081,138	34	7,546
49	Coffee, spice, roasting, grinding.....	23	540	321,156	376	100,617	24	3,252
50	Coffins, burial cases, undertakers' goods.....	10	353	200,143	116	35,071	2	312
51	Confectionery.....	62	920	468,597	1,868	519,006	165	30,283
52	Cooperage.....	42	1,133	597,440	.....	.....	1	204
53	Coppersmithing, sheet iron working.....	131	1,508	1,099,333	4	1,121	3	668
54	Cordials and syrups.....	4	26	15,109	13	3,940	.....	.....
55	Cork cutting.....	5	69	28,302	46	13,271	.....	.....
56	Corsets.....	11	35	27,900	403	146,711	.....	.....
57	Cutlery and edge tools.....	4	371	140,262	38	8,700	10	1,300
58	Dairymen's, poultryers', apiarists' supplies.....	5	15	9,076	3	812	.....	.....
59	Dentists' materials.....	8	44	27,502	25	6,987	9	1,456
60	Druggists' preparations.....	11	141	87,736	117	43,912	6	1,200
61	Dyeing, finishing textiles.....	5	23	14,012	20	6,396	.....	.....
62	Electrical machinery, apparatus, supplies.....	96	4,794	2,692,550	1,131	405,863	2	472
63	Electroplating.....	23	229	140,500	4	1,046	7	260

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
CHICAGO—Continued.								
64	Engraving, diesinking.....	36	209	\$ 157,842	11	\$ 4,940	7	\$ 1,586
65	Engraving, steel, plate printing.....	21	252	221,985	169	47,896	19	3,807
66	Engraving, wood.....	16	86	62,072	2	586	1	104
67	Fancy articles not elsewhere specified.....	35	384	211,479	320	107,301	68	7,931
68	Fire extinguishers, chemical.....	4	18	14,460				
69	Flags and banners.....	6	5	1,300	28	10,082	1	182
70	Flavoring extracts.....	28	97	74,245	99	29,201	9	1,872
71	Flour, grist mill products.....	5	116	67,164				
72	Food preparations.....	47	383	215,588	224	66,324	1	304
73	Foundry, machine shop products.....	423	21,254	13,340,603	410	137,657	64	13,277
74	Foundry supplies.....	47	46	22,092				
75	Fur goods.....	34	151	122,788	164	74,692	3	445
76	Furnishing goods, men's.....	31	127	84,894	1,122	396,479	33	6,753
77	Furniture.....	153	9,315	5,248,481	166	52,882	131	27,533
78	Furs, dressed.....	6	34	25,265	5	1,716		
79	Galvanizing.....	3	39	20,343				
80	Gas and lamp fixtures.....	30	656	427,857	181	52,881	1	200
81	Gas machines and meters.....	8	53	33,137				
82	Glass cutting, staining, ornamenting.....	35	632	403,878	27	10,235	23	4,991
83	Gloves and mittens, leather.....	21	338	166,174	667	215,368	44	8,176
84	Glue.....	5	571	412,908	122	54,685	4	779
85	Gold and silver, leaf, foil.....	5	61	52,438	56	17,534	23	4,212
86	Gold and silver, reducing, refining.....	3	25	20,720				
87	Grease and tallow.....	13	555	369,661	3	818	2	438
88	Hairwork.....	13	8	5,942	180	59,267	1	130
89	Hand knit goods.....	16	20	9,985	74	24,950	3	485
90	Hand stamps.....	19	84	56,218	7	2,343	6	1,188
91	Hardware.....	49	1,144	682,851	100	36,237	11	2,980
92	Hardware, saddlery.....	5	18	11,120				
93	Hats and caps, other than felt, straw, wool.....	35	271	185,570	180	66,430	5	1,275
94	Hats, felt.....	4	16	16,040	18	6,964		
95	Hosiery and knit goods.....	14	85	42,669	588	183,025	4	700
96	House furnishing goods not elsewhere specified.....	17	168	91,986	31	9,764	9	1,855
97	Ice, manufactured.....	3	133	77,781				
98	Ink, printing.....	6	33	17,203				
99	Ink, writing.....	4	39	20,900	31	9,363	4	1,200
100	Instruments, professional, scientific.....	25	222	135,546	7	2,428	4	824
101	Iron and steel, steel works, rolling mills.....	5	5,061	3,518,088	23	7,645	3	624
102	Iron and steel, bolts, nuts, washers, rivets.....	3	94	51,642				
103	Iron and steel, doors and shutters.....	4	122	77,048				
104	Iron and steel forgings.....	8	508	373,770			2	483
105	Iron and steel, nails, spikes, cut and wrought.....	3	112	68,210	72	25,000		
106	Ivory and bone work.....	3	9	5,230				
107	Jewelry.....	41	654	434,424	51	19,231	5	1,358
108	Jewelry and instrument cases.....	9	49	22,866	49	15,693	1	248
109	Labels and tags.....	9	104	63,480	125	22,964	8	1,024
110	Lamps and reflectors.....	10	88	50,000	3	806	2	131
111	Lapidary work.....	4	19	18,000				
112	Leather goods.....	32	277	165,600	187	59,148	5	1,114
113	Leather, tanned, curried and finished.....	23	2,476	1,186,909			3	676
114	Lime.....	3	345	181,500				

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
CHICAGO—Continued.								
115	Liquors, malt.....	56	2,706	\$ 2,109,328	53	\$ 16,392	4	\$ 1,451
116	Lithographing, engraving.....	22	532	463,225	73	23,538	4	768
117	Looking-glass, picture frames	67	1,816	1,019,930	200	98,307	112	25,223
118	Lumber, planing mill products, sashes, doors.....	132	4,978	2,785,556	8	2,775	38	7,569
119	Malt.....	16	451	342,948	.....	.....	.....	.....
120	Marble and stone work.....	64	1,218	849,421	1	300	1	174
121	Mattresses and spring beds....	46	578	264,600	144	59,651	33	7,632
122	Millinery and lace goods.....	44	306	239,169	2,298	904,911	95	15,007
123	Mineral and soda waters.....	44	465	287,469	2	550	6	1,560
124	Mirrors.....	14	407	219,140	4	1,648	4	831
125	Models, patterns, not including paper.....	49	221	170,434	52	20,902	.....	.....
126	Monuments and tombstones..	9	117	101,452	.....	.....	.....	.....
127	Mucilage and paste.....	9	54	27,993	18	4,532	2	350
128	Musical instruments, materials not specified.....	24	466	294,679	3	1,314	15	2,896
129	Musical instruments, organs..	6	123	98,005	.....	.....	1	200
130	Musical instruments, pianos..	23	3,901	2,265,900	128	37,236	137	25,848
131	Musical instruments, piano, organ, materials.....	3	479	285,641	117	33,000	.....	.....
132	Nets and seines.....	3	19	10,600	70	20,169	.....	.....
133	Oil, linseed.....	5	214	137,754	2	790	.....	.....
134	Oil, not elsewhere specified..	7	13	8,444	.....	.....	.....	.....
135	Oleomargarine.....	3	251	166,928	7	2,568	.....	.....
136	Optical goods.....	8	96	81,806	40	14,973	5	852
137	Paints.....	31	848	519,522	106	33,310	.....	.....
138	Paper goods, not elsewhere specified.....	29	135	73,042	251	75,063	37	5,585
139	Patent medicines, compounds.	203	428	255,192	671	209,728	44	7,588
140	Paving materials.....	4	71	35,469	.....	.....	.....	.....
141	Pens, gold.....	3	14	9,936	.....	.....	.....	.....
142	Perfumery and cosmetics.....	34	47	31,668	106	37,422	2	416
143	Photographic apparatus.....	7	17	10,451	.....	.....	.....	.....
144	Photographic materials.....	12	130	65,101	113	48,403	.....	.....
145	Photo lithographing, photo engraving.....	18	519	482,225	42	23,057	10	2,125
146	Pickles, preserves and sauce..	43	430	270,585	516	147,213	18	2,827
147	Pipes, tobacco.....	3	15	8,934	1	266	.....	.....
148	Plumbers' supplies.....	11	1,855	1,177,037	109	30,438	11	1,260
149	Pottery, terra cotta, fire clay products.....	12	600	378,195	14	3,532	7	3,216
150	Printing, publishing, book, job	697	8,444	5,791,796	2,802	973,248	238	51,637
151	Printing, publishing, music..	32	22	15,120	18	6,850	.....	.....
152	Printing, publishing, newspaper, periodicals.....	423	3,063	2,768,093	281	131,917	42	7,221
153	Printing materials.....	14	84	65,188	.....	.....	1	96
154	Pumps, not including steam..	8	57	46,123	.....	.....	1	321
155	Refrigerators.....	4	96	56,612	.....	.....	.....	.....
156	Regalia, society banners, emblems.....	14	42	24,430	88	30,152	6	1,060
157	Roofing materials.....	6	151	76,627	1	156	.....	.....
158	Rubber and elastic goods....	10	769	357,357	374	93,610	11	1,930
159	Saddlery and harness.....	31	538	322,856	36	18,531	14	9,708
160	Sausage.....	24	153	94,596	1	225	.....	.....
161	Saws.....	7	420	287,057	.....	.....	.....	.....
162	Scales and balances.....	8	106	69,548	.....	.....	3	832
163	Sewing machines, attachments	5	239	152,453	1	351	1	107
164	Shipbuilding, wooden, boat-building.....	7	190	112,765	.....	.....	.....	.....
165	Shirts.....	30	105	69,917	618	228,216	8	1,253
166	Show cases.....	15	200	136,767	1	480	.....	.....

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
CHICAGO—Concluded.								
167	Silk and silk goods.....	3	50	\$ 29,268	436	\$ 96,254	38	\$ 8,057
168	Slaughtering, meat packing, wholesale.....	24	19,967	11,391,759	2,477	840,982	57	10,370
169	Slaughtering, wholesale, not packing.....	8	222	145,103				
170	Smelting, refining zinc, not from ore.....	6	25	19,636				
171	Soap.....	23	1,131	625,892	664	223,810	40	7,758
172	Soda water apparatus.....	5	590	346,001	71	17,506	1	175
173	Sporting goods.....	12	188	106,907	151	45,541	4	700
174	Springs, steel, car, carriage.....	4	316	153,335				
175	Stamped ware.....	11	227	117,866	70	20,184	9	1,736
176	Stationery goods not else- where specified.....	27	301	153,798	193	63,926	11	1,915
177	Statuary and art goods.....	7	373	235,196	6	2,400		
178	Steam fitting, heating app'tus	18	326	212,295			3	780
179	Steam packing.....	11	123	64,378	7	1,509		
180	Stencils and brands.....	6	118	72,412	1	520	6	1,482
181	Stereotyping and electrotyp'g	18	636	517,392	13	6,604	2	350
182	Stoves, furnaces, not including gas, oil.....	29	748	461,378			4	1,242
183	Structural iron work.....	69	3,430	2,091,955			4	762
184	Sugar, molasses, refining.....	5	96	52,064	39	9,947		
185	Surgical appliances.....	18	129	90,418	272	73,338	1	182
186	Tinware.....	23	1,232	614,973	298	76,248	6	774
187	Tobacco, chewing, smoking, snuff.....	24	215	119,455	531	140,341	4	801
188	Tobacco, cigars and cigarettes	936	2,647	1,654,473	901	358,442	49	9,106
189	Tools, not elsewhere specified	33	206	133,999	12	27,582	49	493
190	Toys and games.....	19	79	47,781	67	18,240	3	825
191	Trunks and valises.....	19	816	458,035	100	29,141	49	11,612
192	Type foundries.....	3	264	198,421	81	23,929	2	416
193	Typewriters and supplies.....	8	175	101,806	6	2,675	1	208
194	Umbrellas and canes.....	4	6	4,168	20	5,792		
195	Upholstering materials.....	11	304	155,571	399	125,268	11	3,587
196	Varnishes.....	21	232	169,775	6	1,939	3	624
197	Vaults, lights and ventilators.	4	34	26,592				
198	Vinegar and cider.....	4	97	58,452	5	1,352		
199	Washing machines, cloths wringers.....	6	13	7,638	2	916		
200	Whips.....	3	38	18,683	8	2,418	24	3,590
201	Window shades, fixtures.....	22	187	105,000	163	51,350	17	3,346
202	Wire work, wire rope and cable	36	169	92,685	74	24,176	7	1,434
203	Wood carpet.....	3	57	39,044				
204	Wood, turned and carved.....	48	362	214,787	25	6,964	2	520
205	Wooden ware, not elsewhere specified.....	12	150	75,175	2	500		
206	Wood pulling.....	3	23	13,067				
207	*All other industries.....	113	15,921	9,461,499	1,501	501,923	29	4,837

\* Embraces: Agricultural implements, 6; axle grease, 2; bells, 1; belting and hose, rubber, 1; boot and shoe, cut stock, 2; boot and shoe uppers, 2; bronze castings, 2; butter, 2; card cutting and designing, 1; cement, 1; china decorating, 2; chocolate and cocoa products, 1; clocks, 1; collars and cuffs, 1; cordage and twine, 2; cotton small wares, 1; cotton waste, 1; crucibles, 1; drug grinding, 1; dye stuffs and extracts, 2; emery wheels, 2; enameling and enameled goods, 1; engravers' materials, 1; envelopes, 14; felt goods, 1; fertilizers, 1; files, 1; fireworks, 1; gas, illuminating, 6; glucose, 1; graphite and graphite refining, 1; gypsum wall plaster, 2; hammocks, 1; hats, straw, 1; hones and whetstones, 1; iron and steel, blast furnace, 3; iron and steel pipes, wrought, 2; japaning, 1; kaslin and ground earthen, 1; lasts, 1; lead, bar, pipe, and sheet, 2; lumber and timber products, 2; oil cloth and linoleum, floor, 1; paper and wood pulp, 2; paper patterns, 1; pens, fountain and stylographic, 2; phonographs and graphophones, 1; pocketbooks, 2; pulp goods, 2; safes and vaults, 1; sand and emery paper and cloth, 1; screws, specified, 1; tinfoil, 2; wall paper, 6; watch cases, 2; windmills, 1; wool scouring, 1.



Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	DECATUR.....	116	2,057	\$1,059,845	234	\$58,727	49	\$6,710
1	Agricultural implements .....	5	120	\$ 63,353	.....	.....	.....	.....
2	Bread and other bakery products .....	4	62	28,783	2	436	2	\$ 473
3	Carriages and wagons .....	3	21	8,615	.....	.....	.....	.....
4	Coppersmithing and sheet iron working .....	5	17	11,000	.....	.....	.....	.....
5	Flavoring extracts .....	3	10	5,360	12	2,980	.....	.....
6	Flour and grist mill products.	5	124	78,636	2	550	.....	.....
7	Foundry and machine shop products .....	7	194	75,828	.....	.....	4	590
8	Mineral and soda waters .....	3	19	10,479	.....	.....	.....	.....
9	Printing and publishing, book and job .....	6	32	18,600	10	1,943	2	306
10	Printing and publishing, newspapers and periodicals.	4	60	35,015	1	900	1	120
11	Tobacco, cigars and cigarettes	18	74	42,663	.....	.....	23	2,635
12	*All other industries .....	53	1,524	681,513	207	51,858	17	2,598

\* Embraces artificial stone, 1; awnings, tents and sails, 1; book binding and blank book making, 1; boots and shoes, 1; boxes, cigar, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 1; butter, 1; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; clothing, men's, 1; clothing, women's, 2; coffins, burial cases and undertakers' goods, 2; confectionery, 2; cooperage, 1; druggists' preparations, 1; food preparations, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; hand stamps, 2; hardware, saddlery, 1; ice, manufactured, 1; liquors, malt, 1; lumber and timber products, 1; lumber, planing mill products, including sash, doors and blinds, 4; mattresses and spring beds, 1; monuments and tombstones, 1; oil not elsewhere specified, 1; patent medicines and compounds, 2; photo lithographing and photo engraving, 1; pumps, not including steam pumps, 1; roofing materials, 1; saddlery and harness, 1; slaughtering and meat packing, wholesale, 2; soap, 1; soda water apparatus, 1; structural iron work, 1; tobacco, chewing and smoking, and snuff, 1; tools, not elsewhere specified, 1; trunks and valises, 1; wire work, including wire rope, 1.

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	EAST ST. LOUIS.....	94	6,588	\$3,605,658	318	\$90,975	106	\$22,358
1	Bread and other bakery products.....	11	55	\$ 40,260	3	\$ 495		
2	Carriages and wagons.....	3	24	15,091				
3	Cars and general shop construction and repairs by steam railroads.....	4	543	296,620				
4	Coppersmithing and sheet iron working.....	4	29	20,599				
5	Foundry and machine shop products.....	5	752	451,705	6	3,000	3	\$ 1,000
6	Iron and steel, steel works and rolling mills.....	3	1,557	791,058				
7	Lumber, planing mill products, including sash, doors and blinds.....	7	89	76,606	1	470		
8	Mineral and soda waters.....	5	20	11,674			1	156
9	Printing and publishing, book and job.....	3	19	12,130	3	770		
10	Printing and publishing, newspapers and periodicals.....	6	26	14,290	2	902		
11	Tobacco, cigars and cigarettes.....	9	20	11,009				
12	All other industries*.....	34	3,454	1,864,626	303	85,338	102	21,197

\* Embraces agricultural implements, 1; artificial stone, 1; baking and yeast powders, 2; boxes, wooden packing, 1; cars, steam railroad, not including operations of railroad companies, 1; chemicals, 2; clothing, women's, 1; cooperage, 2; flour and grist mill products, 2; furniture, 2; gas, illuminating and heating, 1; glass, 1; ice, manufactured, 1; iron and steel forgings, 1; kashin and ground earths, 1; liquors, malt, 2; looking glass and picture frames, 1; lumber and timber products, 1; marble and stonework, 1; paints, 2; patent medicines and compounds, 1; roofing materials, 1; saddlery and harness, 1; slaughtering and meat packing, wholesale, 2; structural iron work, 1; wire, 1.

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	ELGIN .....	76	2,965	\$1,990,691	1,934	\$709,367	86	\$12,502
1	Bread and other bakery products .....	7	46	\$ 25,646	5	\$ 1,196	.....	.....
2	Carpets, rag .....	3	21	8,402	3	680	1	\$ 112
3	Cooperage .....	3	244	102,496	1	260	6	1,148
4	Foundry and machine shop products .....	6	127	81,969	.....	.....	.....	.....
5	Printing and publishing, book and job .....	3	38	24,370	11	4,300	.....	.....
6	Printing and publishing, newspapers and periodicals .....	7	158	93,508	126	44,105	8	1,400
7	Tobacco, cigars and cigarettes .....	8	41	28,589	1	182	5	1,051
8	*All other industries .....	39	2,190	1,625,691	1,787	658,644	66	8,791

\* Embraces book binding and blank book making, 1; boots and shoes, 1; boxes, wooden packing, 1; brooms and brushes, 1; butter, 1; butter renovating, 1; canning and preserving fruits and vegetables, 1; carriage and wagon materials, 1; condensed milk, 1; confectionery, 1; coppersmithing and sheet iron working, 1; engraving, steel, including plate printing, 1; food preparations, 1; gas, illuminating and heating, 1; hardware, 2; liquors, malt, 1; lumber, planing mill products, including sash, doors and blinds, 1; mattresses and spring beds, 1; mineral and soda waters, 1; monuments and tombstones, 2; musical instruments, organs, 1; patent medicines and compounds, 1; pickles, preserves and sauces, 1; regalia and society banners and emblems, 1; saddlery and harness, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap, 1; stamped ware, 1; structural iron work, 1; tinware, 1; tools, not elsewhere specified, 1; watch and clock materials, 1; watch cases, 2; watches, 1; wind mills, 1.

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	JOLIET .....	106	5,902	\$3,812,754	273	\$57,295	12	\$2,219
1	Bread and other bakery products .....	15	47	\$ 27,348	8	\$ 2,316	1	\$102
2	Flour and grist mill products. ....	3	3	1,670				
3	Foundry and machine shop products .....	12	430	300,766	23	5,520	1	312
4	Furniture .....	3	55	21,759	5	1,169		
5	Liquors, malt .....	3	53	39,500				
6	Lumber, planing mill products, including sash, doors and blinds .....	3	31	17,947				
7	Mineral and soda waters .....	3	11	5,120				
8	Monuments and tombstones .....	3	13	8,091				
9	Printing and publishing, book and job .....	4	11	6,154	1	308	4	696
10	Printing and publishing, newspapers and periodicals .....	5	79	54,154	14	3,952	1	160
11	Tobacco, cigars and cigarettes .....	15	61	29,059	11	2,196	3	372
12	*All other industries .....	37	5,108	3,301,156	211	71,834	2	587

\* Embraces agricultural implements, 2; brick and tile, 2; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 2; clothing, men's, 1; cooperage, 1; flavoring extracts, 1; food preparations, 1; gas, illuminating and heating, 1; grease and tallow, 1; ice, manufactured, 1; iron and steel blast furnaces, 1; iron and steel, steel works and rolling mills, 3; looking glass and picture frames, 1; marble and stonework, 1; models and patterns, not including paper patterns, 1; musical instruments and materials, not specified, 1; musical instruments, pianos, 1; paints, 1; patent medicines and compounds, 2; saddlery and harness, 1; sausage, 2; slaughtering and meat packing, wholesale, 1; stoves and furnaces, not including gas and oil stoves, 1; structural iron work, 1; tinware, 1; tobacco, chewing and smoking, and snuff, 1; wall paper, 1; wind mills, 1; wire, 1.

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	PEORIA.....	265	5,438	\$3,163,823	492	\$127,473	68	\$15,597
1	Agricultural implements .....	6	945	\$ 560,703			1	\$ 250
2	Bread and other bakery products .....	40	111	64,775	56	\$14,576	5	1,290
3	Brooms and brushes .....	3	6	2,940				
4	Carriages and wagons .....	6	114	56,546				
5	Cars and general shop construction and repairs by steam railroads .....	4	363	215,787				
6	Cooperage .....	4	447	175,922				
7	Coppersmithing and sheet iron working .....	7	55	34,827				
8	Flour and grist mill products .....	3	32	15,535				
9	Food preparations .....	4	61	29,498	5	1,404		
10	Foundry and machine shop products .....	16	326	179,340			1	364
11	Furniture .....	3	33	18,969	4	1,106		
12	Gypsum wall plaster .....	3	13	7,622				
13	Liquors, distilled .....	6	557	322,643	4	894		
14	Liquors, malt .....	3	108	78,614	2	500		
15	Lumber, planing mill products, including sash, doors and blinds .....	5	154	94,669			1	220
16	Mineral and soda waters .....	3	18	9,612	2	720		
17	Models and patterns, not including paper patterns .....	3	9	7,450				
18	Printing and publishing, book and job .....	13	144	73,018	40	8,819	3	513
19	Printing and publishing, newspapers and periodicals .....	13	89	81,703	4	1,000		
20	Saddlery and harness .....	3	46	30,120			1	180
21	Slaughtering and meat packing, wholesale .....	3	114	66,422				
22	Stoves and furnaces, not including gas and oil stoves .....	3	143	84,400				
23	Tinware .....	3	73	39,169	26	10,856	27	5,000
24	Tobacco, cigars and cigarettes .....	43	211	139,934	60	14,844	5	655
25	*All other industries .....	65	1,266	770,605	289	72,814	24	7,125

\* Embraces: Artificial limbs, 1; awning, tents and sails, 1; baking and yeast powder, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brass castings and finishings, 2; brick and tile, 2; butter reworking, 1; carpets, rag, 2; carriage and wagon materials, 1; charcoal, 1; clothing, men's, 2; clothing, women's, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases and undertaker's goods, 1; confectionery, 2; cordage and twine, 1; druggist's preparations, 2; electrical machinery, apparatus and supplies, 1; electroplating, 1; explosives, 1; flavoring extracts, 1; gas, illuminating and heating, 1; glucose, 1; grease and tallow, 1; hand stamps, 1; hardware, 1; ice, manufacturing, 1; lamps and reflectors, 1; liquors, vinous, 1; malt, 2; marble and stone work, 2; oil, not elsewhere specified, 1; paints, 1; paper and wood pulp, 1; paper goods, not elsewhere specified, 1; patent medicines and compounds, 2; pickles, preserves and sauces, 2; regalia and society banners and emblems, 1; roofing materials, 2; shirts, 1; soap, 1; soda water apparatus, 1; stereotyping and electrotyping, 1; structural iron work, 2; tobacco, chewing and smoking and snuff, 1; tools, not elsewhere specified, 2; vinegar and cider, 1; wire work, including wire rope and cable, 3.

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	QUINCY.....	234	3,807	\$2,044,878	712	\$149,238	83	\$11,654
1	Agricultural implements.....	3	149	\$ 71,681	2	\$ 728	1	\$ 150
2	Bread and other bakery products.....	11	22	10,393	4	618	2	312
3	Brick and tile.....	8	50	22,714				
4	Brooms and brushes.....	4	2	571				
5	Carpets, rag.....	3	10	2,891				
6	Carriages and wagons.....	11	332	163,986	2	405	3	866
7	Clothing, men's.....	5	28	13,660	308	71,218	16	2,086
8	Confectionery.....	5	37	14,913	48	7,509		
9	Dairymen's, poulterer's and apiarist's supplies.....	7	90	41,588	49	10,290		
10	Flour and grist mill products.....	5	33	17,912				
11	Foundry and machine shop products.....	15	497	257,636			1	174
12	Furniture.....	4	39	20,968			2	520
13	Lime.....	3	110	48,062				
14	Liquors, malt.....	3	149	102,310				
15	Lumber, planing mill products including sash, doors and blinds.....	5	143	70,751			2	338
16	Patent medicine and compounds.....	5	7	3,562				
17	Printing and publishing, book and job.....	16	83	41,056	45	9,487	2	221
18	Printing and publishing newspapers and periodicals.....	13	43	28,816	6	1,040	5	804
19	Saddlery and harness.....	3	102	52,747				
20	Show cases.....	3	233	113,891			6	774
21	Stoves and furnaces, not including gas and oil stoves.....	12	911	596,090			4	600
22	Tobacco, cigars and cigarettes.....	34	79	39,056	2	376	15	1,653
23	*All other industries.....	56	658	309,624	246	47,567	24	3,156

\* Embraces: Artificial stone, 1; axle grease, 1; bluing, 1; boxes, cigar, 1; brass castings and brass finishings, 1; butter, 2; buttons, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 2; clothing, women's, 2; coffee and spice, roasting and grinding, 1; cooperage, 1; coppersmithing and sheet iron working, 1; enameling and enameled goods, 1; engraving, wood, 1; fertilizers, 1; files, 1; food preparations, 2; gas, illuminating and heating, 1; grease and tallow, 1; hand stamps, 1 hardware, 2; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 1; kaslin and ground earths, 1; mattresses and spring beds, 2; mineral and soda waters, 2; models and patterns, not including paper patterns, 1; monuments and tombstones, 2; paper and wood pulp, 1; perfumery and cosmetics, 1; photo-lithographing and photo-engraving, 1; pickles, preserves and sauces, 1; regalia and society banners and emblems, 2; shipbuilding, wooden, including boat building, 2; slaughtering and meat packing, wholesale, 1; stamped ware, 1; stationery goods, not elsewhere specified, 2; tobacco, chewing and smoking and snuff, 3; trunks and valises, 1; vinegar and cider, 1; wire work, including wire rope and cable, 1.

Table 7—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	ROCKFORD .....	180	5,863	\$3,228,570	1,244	\$352,066	132	\$27,748
1	Agricultural implements .....	4	386	\$219,740				
2	Boots and shoes .....	3	67	29,384	24	7,394	8	875
3	Bread and other bakery products .....	6	77	42,338	7	2,266		
4	Carriages and wagons .....	3	15	8,662				
5	Clothing, men's .....	3	26	12,479	120	38,604	2	300
6	Coppersmithing and sheet iron working .....	4	20	12,262				
7	Dairymen's, poulterer's and apiarist's supplies .....	3	76	36,909	3	1,450		
8	Foundry and machine shop products .....	23	880	474,433			5	609
9	Furniture .....	13	1,588	804,242			17	4,332
10	Hardware .....	3	33	19,153			3	700
11	Hosiery and knit goods .....	4	433	212,411	798	215,820	39	7,242
12	Lumber, planing mill products including sash, doors and blinds .....	4	85	53,587				
13	Mineral and soda waters .....	3	9	5,434				
14	Monuments and tombstones .....	4	10	9,579				
15	Patent medicines and compounds .....	4	2	720				
16	Printing and publishing, book and job .....	8	59	30,218	19	3,553	3	558
17	Printing and publishing, news papers and periodicals .....	6	54	52,229	3	2,300		
18	Pumps, not including steam pumps .....	3	150	87,031				
19	Tobacco, cigars and cigarettes .....	3	7	4,726				
20	*All other industries .....	72	1,886	1,112,993	270	80,679	67	13,182

\* Embraces: Artificial limbs, 1; artificial stone, 1; axle grease, 1; bicycles and tricycles, 1; blacking, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 2; butter reworking, 1; canning and preserving fruits and vegetables, 1; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; coffins, burial cases and undertakers' goods, 1; confectionery, 1; cutlery and edge tools, 1; engraving, wood, 1; flour and grist mill products, 2; galvanizing, 1; gas, illuminating and heating, 1; glass, cutting, staining and ornamenting, 2; gloves and mittens, leather, 1; glucose, 1; gypsum wall plaster, 1; iron and steel, steel works and rolling mills, 1; iron and steel, bolts, nuts, washers and rivets, not made in rolling mills or steel works, 1; iron and steel, nails and spikes, cut and wrought, including wire nails not made in rolling mills or steel works, 1; leather, tanned, curried and finished, 2; lime, 1; liquors, distilled, 1; liquors, malt, 1; lithographing and engraving, 2; looking glass and picture frames, 2; marble and stone work, 1; mattresses and spring beds, 1; millinery and lace goods, 1; mirrors, 1; models and patterns, not including paper patterns, 1; musical instruments, pianos, 1; musical instruments, piano and organ materials, 1; paper and wood pulp, 2; photographic materials, 1; photo-lithographing and photo-engraving, 1; plated ware, 1; saddlery and harness, 2; sewing machine cases, 1; sewing machines and attachments, 1; slaughtering and meat packing, wholesale, 1; sporting goods, 1; steam fitting and heating apparatus, 1; stoves, gas and oil, 1; tinware, 2; tobacco, chewing and smoking and snuff, 1; tools, not elsewhere specified, 2; varnishes, 1; watch cases, 1; watches, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

Table 7—Concluded.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	SPRINGFIELD .....	122	2,517	\$1,488,485	533	\$146,848	21	\$3,277
1	Bread, other bakery products	10	44	\$ 33,157	1	\$280		\$ 156
2	Carriages and wagons .....	4	20	10,100	1	150		
3	Cars and general shop construction and repairs by street railroad companies ..	4	468	301,941				
4	Coppersmithing and sheet iron working .....	6	42	23,910				
5	Foundry and machine shop products .....	4	233	125,765			1	1,128
6	Lumber, planing mill products, including sash, doors and blinds. ....	4	147	108,200				
7	Mineral and soda waters .....	3	9	5,125	1	150		
8	Monuments and tombstones ..	3	34	19,736				
9	Printing and publishing, book and job .....	8	137	77,590	26	5,510	2	256
10	Printing and publishing, newspapers and periodicals .....	8	170	98,514	19	4,425		
11	Tobacco, cigars and cigarettes	32	118	57,711	5	1,456	8	1,398
12	*All other industries .....	36	1,100	626,746	480	134,897	2	339

\* Embraces: Agricultural implements, 2; artificial stone, 1; awnings, tents and sails, 1; boots and shoes, 1; boxes, cigar, 1; brooms and brushes, 2; carpets, rag, 2; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, 1; electrical machinery, apparatus and supplies, 1; flour and grist mill products, 1; food preparations, 1; fur goods, 1; gas, illuminating and heating, 1; grease and tallow, 1; gypsum wall plaster, 1; hair work, 1; ice, manufactured, 2; jewelry, 1; liquors, malt, 1; mattresses and spring beds, 1; patent medicines and compounds, 1; regalia and society banners and emblems, 1; saddlery and harness, 1; shoddy, 1; tinware, 2; trunks and valises, 1; varnishes, 1; watch and clock materials, 1; watches, 1; woolen goods, 1.



Table 8 is a summary of the number in each class of the total number of wage earners reported as employed in the 9,536 establishments, 82.8 per cent were men 16 years of age and over; 15.9 per cent were women 16 years of age and over, and 1.3 per cent children under 16 years of age. The total wages paid by these establishments during the year (tables 5 and 6) was \$161,919,957, of this sum 88.3 per cent was paid to the men, 11.2 per cent to the women and 0.5 per cent to the children

TABLE 8—*Recapitulation of Table 7—Eleven Cities—20,000 Population and over—Average Number of Wage Earners and Wages Paid, by Location and Classes, 1904.*

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	THE STATE.....	14,921	314,091	\$187,568,896	60,399	19,893,360	4,946	\$943,212
	ELEVEN CITIES.....	9,536	231,964	143,051,715	53,869	18,125,709	3,838	742,533
	Per cent of the State.....		8.28	88.3	15.9	11.2	1.3	0.5
1	Aurora.....	103	3,162	1,850,834	797	194,674	119	22,598
2	Bloomington.....	81	1,921	1,554,687	345	72,327	9	1,393
3	Chicago.....	8,159	191,844	119,651,490	46,987	16,136,719	3,153	616,487
4	Decatur.....	116	2,057	1,059,845	234	58,727	49	6,710
5	East St. Louis.....	94	6,598	3,605,658	318	90,975	106	22,353
6	Elgin.....	76	2,865	1,990,691	1,934	709,367	86	12,502
7	Joliet.....	106	5,902	3,812,754	273	87,295	12	2,219
8	Peoria.....	265	5,438	3,163,823	492	127,473	68	15,597
9	Quincy.....	324	3,807	2,044,878	712	149,238	83	11,654
10	Rockford.....	180	5,863	3,228,570	1,244	352,066	132	27,748
11	Springfield.....	122	2,517	1,488,485	533	146,848	21	3,277

The four tables following show the industries presented in the eleven cities for the year.

The number of establishments, and the totals of each of the different divisions of these tables are the same as shown in the preceding tables by cities.

Table 9 shows in detail the capital invested in each industry and its distribution as to lands, buildings, machinery, tools, implements, cash and sundries.

It is found that the proportion that each of these divisions bears to the total of the eleven cities is, for land, 9.1 per cent; buildings, 14.9 per cent; machinery, etc., 22.9 per cent; cash, etc., 53.1 per cent.

Here are 209 distinct industries represented as being conducted in 8,959 establishments; 577 establishments operate industries not enumerated in this list, but are classed as all other industries. The total capital invested by this class was \$209,939,933 or 28 per cent of the total for all industries.

The capital invested in the list of industries shown, ranges from \$6,750 in the establishments manufacturing calcium lights, to \$70,239,665, in 27 establishments in wholesale slaughtering and meat packing.

Ten of these industries have a capital ranging from five to ten million dollars; nine industries, ten to twenty million; four twenty to forty million; one, sixty million and over, and one over seventy millions

TABLE 9—*Eleven Cities—20,000 Population and over—Capital Invested by Industries, 1904.*

Number.	INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
	THE STATE .....	14,921	\$975,844,799	\$85,991,323	\$153,551,183	\$232,868,456	\$503,433,837
	ELEVEN CITIES.....	9,536	750,145,596	67,959,437	111,518,167	172,065,185	398,602,806
	Enumerated industries	8,959	540,205,663	50,234,253	81,735,646	109,248,498	298,987,266
	Unenumerated industries .....	577	209,939,933	17,725,184	29,782,522	62,816,687	99,615,540
1	Agricultural implements..	18	6,238,121	324,180	995,221	1,040,808	3,877,912
2	Artificial feathers, flowers	17	119,470	4,600	9,600	10,910	94,360
3	Artificial limbs .....	9	23,772			4,654	19,118
4	Artificial stone .....	3	8,100	2,000	4,000	900	1,200
5	Artists' materials .....	10	197,515	3,000	5,501	29,460	159,554
6	Automobile bodies, parts..	4	22,331			13,686	8,645
7	Automobile .....	7	376,886	2,500	30,000	209,154	162,232
8	Awnings, tents, sails.....	11	1,057,450	151,500	61,500	59,550	784,900
9	Babbitt metal, solder.....	9	385,630	1,500	2,000	91,162	290,968
10	Bags, other than paper....	4	104,226			11,400	92,826
11	Bags, paper.....	4	31,980			21,985	9,995
12	Baking and yeast powders.	16	3,718,435	171,000	264,051	230,196	3,053,188
13	Baskets, rattan, willow-ware.....	10	31,354	7,500	8,300	1,853	13,701
14	Belting and hose, leather..	10	833,175			84,211	748,964
15	Bicycles and tricycles .....	11	1,012,160	47,036	142,840	429,491	392,793
16	Billiard tables, materials.	8	37,125	2,200	2,000	8,125	24,800
17	Blacking .....	10	130,142	10,000	13,000	24,277	82,865
18	Blueing .....	4	59,260	4,000	1,000	4,150	50,110
19	Bookbinding, blank book making.....	67	1,321,175	50,900	51,300	578,726	640,249
20	Boot and shoe findings....	4	70,250	4,500	25,500	9,900	30,350
21	Boots and shoes .....	30	2,131,147	70,500	153,800	383,287	1,523,560

Table 9—Continued.

Number.	INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Land.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
22	Boxes, cigar .....	10	\$ 187,920	\$ 7,500	\$ 9,182	\$ 88,027	\$ 133,211
23	Boxes, fancy paper .....	39	1,556,558	27,944	39,659	639,306	849,647
24	Boxes, wooden packing .....	22	3,856,331	579,500	576,328	798,928	1,901,575
25	Brass .....	3	90,406	3,000	3,000	17,864	66,542
26	Brass castings, finishing .....	19	1,251,606	264,390	237,637	372,583	377,025
27	Brassware .....	21	598,182	15,246	23,073	151,519	406,344
28	Bread, other bakery pro-ducts .....	970	12,291,738	1,171,462	2,684,759	4,787,105	3,718,412
29	Brick and tile .....	37	3,520,745	842,090	716,930	1,594,270	627,455
30	Brooms and brushes .....	69	345,202	44,000	47,000	43,715	213,487
31	Butter, reworking .....	4	235,584	.....	.....	65,582	170,002
32	Buttons .....	11	26,765	.....	.....	11,425	15,340
33	Calcium lights .....	3	6,750	.....	.....	1,250	5,500
34	Canning, preserving, fish .....	4	13,390	5,500	6,900	650	340
35	Canning, preserving, fruits, vegetables .....	3	24,200	.....	.....	5,600	18,600
36	Carpets, rag .....	45	140,499	28,400	43,050	31,829	37,220
37	Carriage and wagon mate-rials .....	9	28,985	2,000	2,500	8,425	15,960
38	Carriages and sleds, chil-dren .....	4	248,112	22,500	64,239	24,436	136,937
39	Carriages and wagons .....	150	5,548,378	587,077	1,115,654	554,693	3,230,964
40	Cars, general shop con-struction, repairs, steam .....	34	8,246,454	1,959,105	2,698,480	1,020,660	2,568,209
41	Cars, general shop con-struction, repairs, street .....	8	1,060,939	190,948	594,089	200,102	75,800
42	Cars, steam railroad .....	11	11,535,067	383,076	3,089,994	1,599,049	6,473,038
43	Cash registers, calculating machines .....	7	509,782	5,000	2,500	246,842	255,440
44	Chemicals .....	8	2,973,590	583,589	375,525	1,273,669	740,797
45	Cleansing, polishing prepa-rations .....	26	87,731	6,500	13,500	8,600	59,131
46	Cloth, sponging, refinish-ing .....	5	18,700	.....	.....	10,200	8,500
47	Clothing, men's .....	571	18,066,040	278,225	535,190	671,610	16,601,015
48	Clothing, men's button-holes .....	14	40,897	5,800	13,542	13,555	8,000
49	Clothing, women's .....	177	3,369,165	102,200	362,700	312,559	2,591,706
50	Coffee, spice, roasting, grinding .....	23	6,439,960	148,000	295,491	348,764	5,647,705
51	Coffins, burial cases, un-der-takers' goods .....	10	985,809	89,500	158,723	81,878	655,708
52	Confectionery .....	70	3,339,478	147,000	235,131	812,426	2,084,921
53	Cooperage .....	49	2,681,187	404,670	420,173	515,687	1,340,637
54	Coppersmithing, sheet iron working .....	162	2,632,454	230,900	347,437	502,965	1,551,252
55	Cordials and syrups .....	4	140,700	.....	.....	21,198	119,502
56	Cork cutting .....	5	124,702	.....	.....	10,522	114,180
57	Corsets .....	11	179,020	1,500	3,000	32,170	142,350
58	Cutlery and edge tools .....	4	614,232	68,250	96,779	172,219	277,034
59	Dairymen's, poulterers' ap-para-tus, supplies .....	15	478,516	35,225	63,090	90,024	298,177
60	Dentists' supplies .....	9	190,300	500	500	74,100	115,200
61	Druggists' preparations .....	11	572,435	22,000	16,438	91,096	742,901
62	Dyeing, finishing textiles .....	5	76,138	.....	.....	27,156	48,982
63	Electrical machinery, ap-para-tus, supplies .....	96	21,271,367	1,806,463	2,729,406	5,150,562	11,584,936
64	Electroplating .....	22	100,828	250	650	55,022	44,906
65	Engraving, diesinking .....	36	189,676	4,000	4,000	69,432	61,244
66	Engraving, steel, plate printing .....	21	672,168	.....	250,000	140,484	281,684
67	Engraving, wood .....	16	36,033	.....	.....	5,650	30,383
68	Fancy articles, not else-where specified .....	35	707,361	11,300	24,120	233,704	438,237
69	Fire extinguishers, chemi-cal .....	4	9,750	.....	.....	750	9,000
70	Flags and banners .....	6	48,425	.....	.....	6,025	42,400
71	Flavoring extracts .....	31	1,019,283	5,400	13,800	65,978	934,090
72	Flour, grist mill products .....	21	2,668,297	231,302	564,466	578,198	1,294,331

Table 9—Continued.

Number.	INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Land.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
73	Food preparations.....	51	\$ 7,021,736	\$ 194,700	\$ 343,459	\$ 575,850	\$ 5,907,727
74	Foundry, machine shop products.....	526	63,228,919	8,552,272	10,026,524	14,803,449	29,846,674
75	Foundry supplies.....	8	250,990	60,000	40,000	35,050	115,940
76	Fur goods.....	34	513,710	3,000	26,000	15,936	468,774
77	Furnishing goods, men's.....	31	1,617,961	253,115	404,144	42,931	937,771
78	Furniture.....	176	15,949,842	1,090,475	2,347,116	1,827,025	10,686,226
79	Furs, dressed.....	6	62,875	2,350	23,500	5,325	31,700
80	Galvanizing.....	3	42,990	.....	3,970	6,706	32,314
81	Gas and lamp fixtures.....	30	1,311,476	20,200	43,200	234,220	1,013,856
82	Gas machines and meters.....	8	127,352	.....	.....	4,816	122,536
83	Glass cutting, staining, or- naminting.....	35	667,957	47,200	41,000	116,261	463,496
84	Gloves and mittens, leather.....	21	506,944	19,400	100,000	71,430	315,114
85	Glue.....	5	1,871,080	178,029	415,073	476,688	901,290
86	Gold and silver, leaf, foil.....	5	51,711	4,500	5,000	10,399	31,812
87	Gold and silver, reducing, refining.....	3	297,504	3,500	26,300	16,926	250,778
88	Grease and tallow.....	13	1,129,860	208,069	210,198	239,762	471,811
89	Gypsum wall plaster.....	3	9,625	500	200	3,525	5,400
90	Hairwork.....	3	136,764	.....	.....	3,900	132,964
91	Hand knit goods.....	16	68,205	7,500	12,000	14,700	34,005
92	Hand stamps.....	19	175,662	.....	.....	80,867	95,295
93	Hardware.....	52	2,671,678	133,450	415,003	498,154	1,625,071
94	Hardware, saddlery.....	5	30,220	2,000	3,000	5,920	9,300
95	Hats and caps, other than felt, straw, wool.....	35	174,514	100	200	23,982	152,222
96	Hats, felt.....	4	40,050	4,000	6,000	6,100	23,950
97	Hosiery and knit goods.....	18	2,510,041	44,775	205,483	856,849	1,402,934
98	House furnishing goods not elsewhere specified.....	17	414,584	.....	.....	45,514	369,070
99	Ice, manufactured.....	3	341,053	29,100	102,800	75,739	133,414
100	Ink, printing.....	6	132,648	2,500	11,000	16,921	102,227
101	Ink, writing.....	4	238,753	790	5,000	43,750	189,213
102	Instruments, professional, scientific.....	25	357,168	5,300	8,200	111,358	232,310
103	Iron and steel, steel works, rolling mills.....	8	22,219,663	4,393,368	2,904,135	8,986,225	5,935,935
104	Iron and steel, bolts, nuts, washers, rivets.....	3	218,488	.....	.....	77,500	140,988
105	Iron and steel, doors and shutters.....	4	131,345	.....	.....	50,157	81,188
106	Iron and steel forgings.....	8	1,311,578	283,352	150,360	441,190	436,676
107	Iron and steel, nails, spikes, cut and wrought.....	3	412,200	16,000	50,000	196,000	150,200
108	Ivory and bone work.....	3	3,325	.....	.....	1,625	1,700
109	Jewelry.....	41	825,403	6,950	29,435	149,167	639,851
110	Jewelry and instrument cases.....	9	42,626	500	2,000	9,035	31,091
111	Labels and tags.....	9	222,793	4,000	4,500	106,269	107,969
112	Lamps and reflectors.....	10	110,542	.....	.....	25,571	84,971
113	Lapidary work.....	4	52,100	.....	.....	3,100	49,000
114	Leather goods.....	32	414,481	10,500	13,500	69,205	322,276
115	Leather, tanned, curried, finished.....	23	10,749,271	437,016	2,545,317	3,690,368	4,076,570
116	Lime.....	6	1,046,439	291,709	125,350	98,132	531,292
117	Liquors, distilled.....	6	4,514,819	289,069	906,772	2,271,643	1,047,335
118	Liquors, malt.....	65	30,731,227	5,863,723	8,355,588	6,996,109	10,125,907
119	Lithographing and engrav- ing.....	22	816,223	9,000	39,000	392,735	375,488
120	Looking glass, picture frames.....	67	2,486,472	102,394	255,324	338,646	1,790,108
121	Lumber, planing mill pro- ducts, sashes, doors.....	164	8,829,412	999,645	1,044,273	1,367,101	5,418,393
122	Malt.....	16	13,287,063	2,824,634	5,228,173	1,264,709	3,969,547
123	Marble and stone work.....	64	1,546,278	250,727	125,961	352,393	817,267
124	Mattresses and spring beds.....	46	801,933	78,700	92,018	167,414	463,801
125	Millinery and lace goods.....	44	1,253,835	17,000	11,700	302,871	922,364
126	Mineral and soda waters ..	64	1,053,793	65,900	132,640	489,005	367,248
127	Mirrors.....	14	564,468	22,600	44,919	65,374	431,575

Table 9—Continued.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple- ments.	Cash and sundries.
128	Models, patterns, not in- cluding paper.....	52	\$ 233,664	\$ 100	\$ 5,100	\$ 91,673	\$ 136,811
129	Monuments and tombst'es.	19	450,687	38,700	19,535	25,109	367,343
130	Mucilage and paste.....	9	406,439	.....	.....	38,255	370,184
131	Musical instruments, ma- terials, not specified.....	24	627,625	15,950	39,500	128,869	443,306
132	Musical instruments, or- gans.....	6	96,110	3,000	4,200	19,634	69,276
133	Musical instruments, pi- anos.....	23	10,294,277	573,057	1,302,226	440,686	7,978,308
134	Musical instruments, piano, organ, materials.....	3	427,688	59,335	58,051	92,520	217,782
135	Nets and seines.....	3	363,231	160,000	60,000	83,300	59,931
136	Oil, linseed.....	5	943,475	98,780	173,680	324,840	346,175
137	Oil, not elsewhere speci- fied.....	7	111,146	500	6,800	12,150	91,696
138	Oleomargarine.....	3	649,706	30,000	165,430	77,014	377,262
139	Optical goods.....	8	115,525	.....	.....	18,375	97,150
140	Paints.....	31	6,311,584	438,300	722,565	790,627	4,360,092
141	Paper goods, not elsewhere specified.....	29	434,850	3,500	4,500	189,733	237,117
142	Patent medicines, com- pounds.....	217	4,757,772	433,133	446,242	360,360	3,518,037
143	Paving and paving ma- terials.....	4	352,967	68,000	53,383	64,266	167,318
144	Pens, gold.....	3	25,867	.....	.....	8,476	17,391
145	Perfumery and cosmetics..	34	283,158	.....	.....	20,072	263,085
146	Photographic apparatus ..	7	57,541	500	4,000	15,000	38,041
147	Photographic materials ..	12	410,563	.....	.....	82,156	328,407
148	Photo lithographing, photo engraving.....	18	562,917	.....	.....	341,303	221,614
149	Pickles, preserves and sauce.....	43	2,086,869	133,400	220,850	221,167	1,511,452
150	Pipes, tobacco.....	3	48,950	.....	.....	1,550	47,400
151	Plumbers' supplies.....	11	3,846,013	479,380	725,263	640,444	2,000,926
152	Pottery, terra cotta, fire- clay products.....	12	2,219,935	372,832	545,042	500,432	801,629
153	Printing, publishing, book, job.....	771	17,161,889	374,613	1,201,927	8,299,751	7,285,598
154	Printing, publishing, music	32	459,631	.....	.....	118,369	341,262
155	Printing, publishing, news- paper, periodicals.....	495	15,680,417	460,532	1,782,618	4,199,281	9,237,986
156	Printing materials.....	14	262,865	3,000	7,200	88,797	163,868
157	Pumps, not including steam	11	443,887	38,000	44,113	87,359	274,415
158	Refrigerators.....	4	18,756	.....	.....	3,493	15,263
159	Regalia, society banners, emblems.....	14	123,187	5,000	8,000	23,455	86,732
160	Roofing and roofing ma- terials.....	6	901,709	84,500	88,504	409,200	319,505
161	Rubber and elastic goods..	10	1,550,251	.....	6,628	229,283	1,314,340
162	Saddlery and harness.....	37	1,605,157	75,100	141,700	118,706	1,269,651
163	Sausage.....	24	252,051	44,300	89,500	38,077	80,174
164	Saws.....	7	914,442	35,000	215,000	160,100	504,342
165	Scales and balances.....	8	259,908	42,100	26,394	53,880	137,534
166	Sewing machines, attach- ments.....	5	536,220	30,000	22,500	56,743	426,976
167	Ship building, wooden, boat building.....	7	1,000,007	600,000	241,150	70,892	87,965
168	Shirts.....	30	649,044	.....	.....	43,272	605,772
169	Show cases.....	18	397,779	23,200	67,159	37,945	269,475
170	Silk and silk goods.....	3	390,672	20,000	30,000	120,000	220,672
171	Slaughtering, meat pack- ing, wholesale.....	27	70,239,665	2,900,981	10,252,368	7,688,622	49,397,694
172	Slaughtering, wholesale, not packing.....	8	385,100	.....	79,500	24,600	281,000
173	Smelting, refining zinc, not from ore.....	6	183,664	.....	400	16,350	166,914
174	Soap.....	23	7,232,258	975,337	880,380	1,254,777	4,121,764
175	Soda water apparatus.....	5	1,114,965	52,607	73,742	197,337	791,279
176	Sporting goods.....	12	376,750	36,200	66,396	45,979	228,175

Table 9—Concluded.

Number.	INDUSTRIES.	Number of establishments.	CAPITAL.				
			Totals.	Lands.	Buildings.	Machinery, tools and imple-ments.	Cash and sundries.
177	Springs, steel, car, carriage	4	\$ 447,509		\$ 250	\$ 168,682	\$ 278,577
178	Stamped ware	11	1,201,017	\$ 194,693	233,632	429,569	343,123
179	Stationery goods, not else-where specified	29	654,584	76,913	48,083	98,187	431,391
180	Statuary and art goods	7	376,826	10,000	20,000	34,357	312,469
181	Steamfitting, heating ap- paratus	18	674,331	57,500	62,500	169,661	384,670
182	Steam packing	11	180,776	1,000	3,000	25,963	130,813
183	Stencils and brands	6	75,327			32,655	42,672
184	Stereotyping and electro- typing	18	640,804			315,805	324,799
185	Stoves, furnaces, not in- cluding gas, oil	35	3,858,066	440,200	591,463	433,137	2,893,266
186	Structural iron work	68	5,625,197	900,108	753,217	1,125,342	2,846,590
187	Sugar, molasses, refining	5	480,617			68,436	414,151
188	Surgical appliances	18	589,867	7,500	10,500	125,942	445,925
189	Tinware	31	5,226,661	624,310	1,206,658	2,057,257	1,338,406
190	Tobacco, chewing, smok- ing, snuff	24	3,859,778	60,100	69,814	157,301	3,572,563
191	Tobacco, cigars and cigar- ettes	1,132	3,536,063	393,705	550,000	141,009	2,450,769
192	Tools, not elsewhere speci- fied	33	331,660	19,000	34,028	79,996	196,706
193	Toys and games	19	146,021	5,000	20,000	33,983	87,038
194	Trunks and valises	19	704,539	89,500	143,000	92,832	379,307
195	Type founding	3	1,945,358			472,666	1,375,692
196	Typewriters and supplies	9	417,768		600	131,441	285,127
197	Umbrellas and canes	4	31,100			8,250	22,850
198	Upholstering materials	11	500,471	31,500	86,254	186,005	194,712
199	Varnishes	21	3,496,470	347,126	572,351	265,683	2,281,110
200	Vault lights and ventila- tors	4	26,065	4,000	6,000	4,600	11,465
201	Vinegar and cider	4	686,490	122,961	157,132	240,915	165,462
202	Washing machines, clothes wringers	6	39,148			2,748	36,400
203	Whips	3	40,166	8,000	4,000	7,497	20,669
204	Window shades, fixtures	22	624,114	45,500	48,500	51,911	478,203
205	Wire work, wire rope and cable	36	258,948	12,600	16,800	75,299	153,549
206	Wood carpet	3	92,503	24,800	15,000	14,350	38,353
207	Wood, turned and carved	48	350,788	49,350	34,185	101,139	166,114
208	Woodenware, not else- where specified	12	94,057	4,000	12,000	25,092	53,965
209	Wool pulling	3	33,200	3,500	6,000	1,700	32,000
210	All other industries	577	209,939,933	17,725,184	29,782,522	62,816,687	99,615,540

Table 10 shows the outlay incurred in each industry for material and miscellaneous expenses, not including salaries to officials, clerks, etc., nor for wages paid to wage earners.

Of the total outlay of all the industries in the eleven cities 82.7 per cent was for materials, used which includes all the principal material, mill supplies, freight, fuel, rent or power and heat, 17.3 per cent for miscellaneous expenses; which includes rent of works, taxes, not including internal revenue, rent of offices, interest and contract works. The last column of the table shows for each industry the value of the completed products, which includes the value of custom work and all kinds of repairing, the total amount being \$1,150,275,240.

It is to be noted that of the total cost of materials used \$139,413,607 or 16.7 per cent of the amount is represented in all industries, not enumerated; also, that these unenumerated industries represent \$194,269,669 or 16.9 per cent of the total value of the products produced in these cities

TABLE 10.—*Eleven Cities—20,000 Population and Over—Value of Material Used, Miscellaneous Expense, Total Expenses, and Total Value of Product, by Industries, 1904.*

Number.	INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
	THE STATE.....	14,921	\$840,059,316	\$172,185,567	\$1,012,242,883	\$1,410,342,129
	ELEVEN CITIES.....	9,596	690,353,160	144,244,557	834,597,717	1,150,275,240
	Enumerated industries.....	8,969	562,418,161	132,514,355	695,184,110	956,005,571
	Unenumerated industries.....	577	127,934,999	11,730,202	139,413,607	194,269,669
1	Agricultural implements.....	18	1,965,764	606,956	2,572,720	4,141,046
2	Artificial feathers, flowers.....	17	87,678	31,263	118,941	217,362
3	Artificial limbs.....	9	10,098	22,641	32,739	82,326
4	Artificial stone.....	3	4,963	693	5,646	19,329
5	Artists' materials.....	10	284,181	71,700	355,881	494,341
6	Automobile bodies, parts.....	4	7,545	5,140	12,685	29,005
7	Automobiles.....	7	103,740	61,591	165,331	321,710
8	Awnings, tents, sails.....	11	2,007,624	130,966	2,138,590	2,659,135
9	Babbitt metal, solder.....	9	764,476	55,918	823,394	1,007,297
10	Bags, other than paper.....	4	641,602	20,098	661,700	808,784
11	Bags, paper.....	4	63,764	4,762	68,526	93,929
12	Baking and yeast powder.....	16	1,480,925	1,306,383	2,787,308	3,890,256
13	Baskets, rattan, willow ware.....	10	30,297	7,620	37,917	89,230
14	Belting and hose, leather.....	10	616,690	114,134	730,814	1,055,050
15	Bicycles and tricycles.....	11	511,151	75,901	587,052	1,154,400
16	Billiard tables, materials.....	8	18,869	10,795	29,664	55,869
17	Blacking.....	10	247,558	41,634	289,192	396,674
18	Bluing.....	4	31,596	52,642	84,237	130,523
19	Bookbinding, blank book making.....	67	919,867	231,589	1,151,456	2,502,776
20	Boot and shoe findings.....	4	40,458	9,553	50,011	96,850
21	Boots and shoes.....	30	3,474,492	394,220	3,868,712	5,745,739
22	Boxes, cigar.....	10	198,018	37,616	235,639	478,266
23	Boxes, fancy, paper.....	39	1,323,755	317,974	1,641,729	2,825,271
24	Boxes, wooden packing.....	22	3,600,304	289,719	3,894,023	5,952,198
25	Brass.....	3	157,548	8,764	166,312	414,402
26	Brass castings, finishing.....	19	1,339,896	64,443	1,404,279	1,882,985

Table 10—Continued.

Number.	INDUSTRIES.	Number of establishments	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
27	Brassware .....	21	\$ 327,488	\$ 97,146	\$ 424,634	\$ 897,690
28	Bread, other bakery products.....	970	12,477,896	1,636,162	14,114,058	22,908,717
29	Brick and tile.....	37	346,201	275,511	621,712	1,740,090
30	Brooms and brushes.....	69	537,762	82,404	620,166	1,063,593
31	Butter reworking.....	4	1,306,113	58,015	1,369,128	1,501,069
32	Buttons.....	11	22,062	12,300	34,362	71,204
33	Calcium lights.....	3	6,177	4,926	11,103	23,600
34	Canning, preserving, fish.....	4	13,210	735	13,945	22,060
35	Canning, preserving, fruits, vegetables.....	3	109,563	10,801	120,364	156,760
36	Carpets, rag.....	45	36,094	24,371	60,465	245,136
37	Carriage and wagon materials.....	9	52,026	8,590	60,606	122,100
38	Carriages and sleds, children.....	4	135,971	53,579	189,550	322,150
39	Carriages and wagons.....	150	2,430,025	532,484	2,962,509	5,326,941
40	Cars, gen. shop cons., repairs, steam.....	34	5,637,370	128,452	5,765,822	12,722,051
41	Cars, gen. shop cons., repairs, street.....	8	403,239	38,174	441,413	1,109,756
42	Cars, steam railroad.....	11	15,760,575	936,507	16,697,082	23,798,900
43	Cash registers, calculating machines.....	7	30,758	76,666	107,424	321,015
44	Chemicals.....	8	1,026,055	203,619	1,229,674	1,724,275
45	Cleansing, polishing preparations.....	25	109,196	34,725	143,921	259,862
46	Cloth, sponging, refinishing.....	5	3,254	13,526	16,780	90,400
47	Clothing, men's.....	571	26,393,763	9,068,765	35,462,528	53,869,167
48	Clothing, men's buttonholes.....	14	7,383	4,066	11,469	46,027
49	Clothing, women's.....	177	6,070,471	1,175,874	7,266,345	11,794,108
50	Coffee, spice, roasting, grinding.....	23	12,319,243	1,281,203	13,600,446	15,563,301
51	Coffins, burial cases, undertakers' goods.....	10	632,357	181,597	813,954	1,297,343
52	Confectionery.....	70	3,855,948	837,798	4,693,746	7,022,785
53	Cooperage.....	49	3,496,490	220,502	3,716,992	5,149,470
54	Coppersmithing, iron sheet working.....	162	2,159,511	416,696	2,576,207	4,853,618
55	Cordials and syrups.....	4	310,933	65,801	376,734	485,926
56	Cork cutting.....	5	76,349	18,641	94,990	180,968
57	Corsets.....	11	191,671	104,731	296,402	558,694
58	Cutlery and edge tools.....	4	171,214	67,985	239,199	447,146
59	Dairymen's, poulterer's, apiarist's supplies.....	15	389,447	181,120	570,567	829,635
60	Dentists' materials.....	8	24,285	22,088	46,353	115,150
61	Druggists' preparations.....	11	412,893	390,354	743,247	1,205,626
62	Dyeing, finishing textiles.....	5	9,125	18,401	27,526	101,919
63	Electrical machinery, apparatus, supplies.....	96	7,501,453	1,899,184	9,400,637	16,291,546
64	Electro plating.....	23	54,089	42,565	96,654	327,058
65	Engraving, diesinking.....	36	43,984	41,322	85,256	375,824
66	Engraving, steel plate printing.....	21	218,992	92,060	311,052	760,932
67	Engraving, wood.....	16	12,821	32,047	44,868	196,124
68	Fancy articles not elsewhere specified.....	35	655,048	296,385	951,433	1,649,747
69	Fire extinguishers, chemical.....	4	25,125	5,524	30,649	55,900
70	Flags and banners.....	6	61,549	14,273	75,822	109,300
71	Flavoring extracts.....	31	855,072	217,272	1,072,344	1,513,481
72	Flour, grist mill products.....	21	7,657,677	141,933	7,799,610	8,485,866
73	Food preparations.....	51	2,454,383	190,908	2,645,291	3,592,468
74	Foundry, machine shop products.....	526	23,609,803	6,746,962	29,756,765	58,710,655
75	Foundry supplies.....	3	174,715	15,210	189,925	232,500
76	Fur goods.....	34	815,675	130,039	945,714	1,420,558
77	Furnishing goods, men's.....	31	2,130,698	421,794	2,552,662	3,502,769
78	Furniture.....	176	8,775,869	2,203,409	10,979,278	20,004,118
79	Furs, dressed.....	6	58,695	16,155	72,580	146,780
80	Galvanizing.....	3	52,605	7,085	59,690	103,580
81	Gas and lamp fixtures.....	30	911,185	287,199	1,208,384	2,257,653
82	Gas machines and meters.....	8	25,228	166,526	191,754	276,159
83	Glass cutting, staining, ornamenting.....	35	441,850	138,451	580,301	1,309,906
84	Gloves and mittens, leather.....	21	748,598	177,966	926,564	1,511,086



Table 10—Continued.

Number.	INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
85	Glue .....	5	1,339,420	\$ 221,590	\$ 1,561,010	\$ 2,318,182
86	Gold and silver, leaf, foil.....	5	100,344	3,466	103,810	222,640
87	Gold and silver, reducing, refining.....	3	1,308,276	41,262	1,349,538	1,448,276
88	Grease and tallow.....	13	1,417,001	145,335	1,562,336	2,302,938
89	Gypsum wall plaster .....	3	46,273	928	47,199	62,238
90	Hairwork .....	13	121,354	51,999	173,553	346,264
91	Hand knit goods.....	16	66,108	8,548	74,656	150,688
92	Hand stamps.....	19	58,578	50,099	108,677	232,906
93	Hardware.....	52	1,489,262	432,825	1,922,087	3,333,911
94	Hardware, saddlery.....	5	9,605	1,893	11,498	40,650
95	Hats and caps, other than felt, straw, wool.....	35	536,057	63,980	600,037	1,027,218
96	Hats, felt.....	4	52,746	4,582	57,328	99,488
97	Hosiery and knit goods .....	18	1,967,819	355,156	2,322,975	3,291,604
98	House furnishing goods not elsewhere specified .....	17	601,680	115,902	717,582	942,200
99	Ice, manufactured.....	3	86,744	71,835	158,579	349,033
100	Ink, printing.....	6	99,475	58,919	158,394	257,200
101	Ink, writing.....	4	251,778	64,688	316,466	429,052
102	Instruments, professional, scientific.....	25	87,926	106,764	194,690	519,307
103	Iron and steel, steel works, rolling mills .....	8	17,942,786	1,809,852	19,752,638	27,249,323
106	Iron and steel, bolts, nuts, washers, rivets.....	3	111,994	17,764	129,758	231,096
105	Iron and steel, doors and shutters.....	4	87,560	27,262	114,822	259,983
106	Iron and steel forgings.....	8	646,688	67,891	714,579	1,338,300
107	Iron and steel, nails, spikes cut and wrought .....	3	183,230	68,256	251,486	406,225
108	Ivory and bone work .....	3	1,198	1,317	2,515	14,529
109	Jewelry.....	41	798,403	122,210	920,613	1,745,875
110	Jewelry and instrument cases .....	9	55,744	9,715	65,459	131,762
111	Labels and tags .....	9	123,684	37,426	161,110	324,086
112	Lamps and reflectors .....	10	97,813	26,079	123,892	227,696
113	Lapidary work.....	4	81,922	3,710	85,632	140,500
114	Leather goods.....	32	562,797	95,100	657,897	1,129,031
115	Leather, tanned, curried, finished.....	23	7,133,191	386,256	7,519,447	9,420,426
116	Lime.....	6	116,263	51,718	167,981	611,302
117	Liquors, distilled.....	6	4,944,027	36,288,908	41,232,935	42,170,815
118	Liquors, malt .....	65	4,013,579	9,368,790	13,382,369	18,684,691
119	Lithographing and engraving.....	22	465,733	159,529	625,262	1,391,852
120	Looking glass, picture frames.....	67	1,872,225	988,150	2,860,375	5,045,414
121	Lumber, planing mill products, sashes, doors .....	164	8,853,083	902,154	9,755,237	15,315,278
122	Malt.....	16	6,247,018	526,232	6,773,250	7,983,970
123	Marble and stone work .....	64	1,102,054	334,592	1,436,646	2,869,176
124	Mattresses and spring beds.....	46	1,010,525	189,394	1,199,919	1,753,342
125	Millinery and lace goods.....	44	2,305,948	526,502	2,832,450	4,788,212
126	Mineral and soda water .....	64	396,665	129,425	516,090	1,257,316
127	Mirrors.....	14	581,489	83,809	665,298	1,179,373
128	Models, patterns, not including paper.....	52	76,749	49,856	126,605	508,615
129	Monuments and tombstones.....	19	242,155	159,364	401,519	682,715
130	Mucilage and paste.....	9	271,662	30,208	301,870	425,047
131	Musical instruments, materials, not specified .....	24	205,504	55,940	261,444	663,284
132	Musical instruments, organs.....	6	138,530	14,229	152,759	303,949
133	Musical instruments, pianos.....	23	2,798,102	984,791	3,782,893	7,260,075
134	Musical instruments, piano, organ, materials .....	3	479,560	31,154	510,714	923,702
135	Nets and seines .....	3	139,629	27,814	167,443	238,376
136	Oil, linseed.....	5	4,018,492	551,441	4,569,933	4,811,770
137	Oil, not elsewhere specified.....	7	226,881	39,210	266,091	372,518
138	Oleomargarine.....	3	2,899,556	159,463	3,059,029	3,335,223
139	Optical goods.....	8	64,296	28,333	92,629	234,361
140	Paints.....	31	6,090,018	993,204	7,083,222	8,863,216
141	Paper goods, not elsewhere spec.....	29	325,480	95,318	420,798	780,628
142	Patent medicines, compounds.....	217	2,067,110	4,014,228	6,081,338	9,726,890
143	Paving and paving materials.....	4	169,754	35,310	205,064	301,015
144	Pens, gold .....	3	13,962	4,974	18,936	41,824

Table 10—Continued.

Number.	INDUSTRIES.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products, including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
145	Perfumery and cosmetics .....	34	381,003	\$ 412,607	\$ 793,610	\$ 1,108,761
146	Photographic apparatus .....	7	7,750	7,067	14,817	47,700
147	Photographic materials .....	12	273,901	104,936	378,837	754,629
148	Photo lithographing, photo engraving .....	18	254,198	176,469	430,667	1,324,428
149	Pickles, preserves and sauce .....	43	2,275,589	380,189	2,655,778	3,703,377
150	Pipes, tobacco .....	3	70,804	12,298	83,102	114,224
151	Plumbers' supplies .....	11	1,564,869	205,124	1,769,993	3,872,904
152	Pottery, terra cotta, fireclay prod. ....	12	183,580	154,855	288,415	860,612
153	Printing, publishing, book, job .....	771	8,231,641	5,575,775	13,807,416	27,637,886
154	Printing, publishing, music .....	32	61,043	282,024	343,067	579,417
155	Printing, publish'g. newspaper, per .....	495	5,941,414	6,447,856	12,389,270	23,908,996
156	Printing materials .....	14	91,923	81,753	173,676	358,710
157	Pumps, not including steam .....	11	168,581	30,017	198,598	466,801
158	Refrigerators .....	4	73,594	15,078	88,672	173,924
159	Regalia, society banners, emblems .....	14	128,525	24,443	152,968	273,966
160	Roofing and roofing materials .....	6	789,436	100,860	890,296	1,088,778
161	Rubber and elastic goods .....	10	1,645,165	385,675	2,030,840	2,807,589
162	Saddlery and harness .....	37	1,328,363	192,345	1,520,708	2,368,102
163	Sausage .....	24	715,418	24,938	740,356	967,476
164	Saws .....	7	509,504	145,598	655,102	1,024,249
165	Scales and balances .....	8	97,275	47,688	144,963	800,794
166	Sewing machines, attachments .....	5	57,024	46,218	103,242	359,070
167	Shipbuild'g, wooden, boat b'd'g. ....	7	58,075	35,404	93,479	244,420
168	Shirts .....	30	661,511	149,577	811,088	1,895,539
169	Show cases .....	18	359,121	79,727	438,848	846,357
170	Silk and silk goods .....	3	486,015	35,444	521,459	735,242
171	Slaughtering, meat packing, whole-sale .....	27	232,182,606	11,587,133	243,769,739	264,067,007
172	Slaughtering, wholesale, not pack-ing .....	8	6,172,193	88,904	6,261,097	6,994,877
173	Smelting, refining zinc, not from ore .....	6	1,002,296	22,314	1,024,612	1,140,086
174	Soap .....	23	9,125,379	2,106,600	11,231,979	13,769,946
175	Soda water apparatus .....	5	640,399	156,854	797,253	1,456,102
176	Sporting goods .....	12	311,161	67,483	378,644	622,142
177	Springs, steel, car, carriage .....	4	261,616	101,438	363,054	703,825
178	Stamped ware .....	11	373,790	138,714	512,504	820,173
179	Stationery goods, not elsewhere specified .....	29	370,606	260,427	631,033	1,256,297
180	Statuary and art goods .....	7	75,584	59,324	134,908	510,432
181	Steam fitting, heating apparatus .....	18	514,918	89,370	604,288	1,056,422
182	Steam packing .....	11	222,312	46,855	269,167	467,585
183	Stencils and brands .....	6	25,258	11,293	36,551	130,416
184	Stereotyping and electrotyping .....	18	224,007	109,971	333,978	1,164,940
185	Stoves, furnaces, not inc., gas, oil .....	35	1,426,309	736,293	2,162,602	4,148,066
186	Structural iron work .....	68	4,105,576	516,475	4,622,051	8,279,675
187	Sugar, molasses, refining .....	5	1,466,514	85,735	1,552,249	1,744,890
188	Surgical appliances .....	18	400,241	114,942	515,183	922,100
189	Tinware .....	31	1,742,028	201,756	1,944,784	3,118,400
190	Tobacco, chewing, smoking, snuff .....	24	1,802,506	1,821,612	3,623,118	4,229,733
191	Tobacco, cigars and cigarettes .....	1,132	2,863,729	1,228,605	4,092,334	8,180,846
192	Tools, not elsewhere specified .....	33	176,433	40,270	216,703	498,610
193	Toys and games .....	19	104,870	44,633	149,503	269,477
194	Trunks and valises .....	19	840,389	171,141	1,011,530	1,958,663
195	Type founding .....	3	229,471	120,158	349,629	808,953
196	Typewriters and supplies .....	8	52,029	29,269	81,298	372,650
197	Umbrellas and canes .....	4	11,361	8,339	19,700	39,100
198	Upholstering materials .....	11	963,593	115,968	1,079,561	1,635,436
199	Varnishes .....	21	2,112,327	654,373	2,766,700	3,801,732
200	Vaults, lights and ventilators .....	4	34,444	3,906	38,350	81,116
201	Vinegar and cider .....	4	393,447	93,411	486,858	617,371
202	Washing machines, clothes wring-ers .....	6	25,470	47,343	72,813	117,900
203	Whips .....	3	21,681	4,854	26,535	66,929
204	Window shades, fixtures .....	22	945,144	144,035	1,089,179	1,445,335
205	Wire work, wire rope and cable .....	36	221,531	50,045	271,576	544,914
206	Wood carpet .....	3	62,707	13,495	76,202	150,886

Table 10—Concluded.

Number.	INDUSTRY.	Number of establishments.	MATERIAL AND EXPENSES.			Value of products including custom work and repairing.
			Materials used.	Miscellaneous expenses.	Total.	
207	Wood, turned and carved.....	48	275,335	\$ 74,713	\$ 350,048	\$ 737,596
208	Woodenware, not elsewhere spec..	12	149,755	24,288	174,043	321,086
209	Wool pulling .....	3	2,412	3,610	6,022	34,424
210	All other industries .....	577	127,934,999	11,730,202	139,413,607	194,269,669

\*Embraces: Agricultural implements, 11; artificial limbs, 2; artificial stone, 5; awnings, tents and sails, 3; axle grease, 4; babbitt metal and solder, 1; baking and yeast powders, 4; bells, 1; belting and hose rubber, 1; bicycles and tricycles, 1; blacking, 1; bluing, 1; book-binding and blank book making, 4; boots and shoes, 3; boot and shoe, cut stock, 2; boot and shoe uppers, 2; boxes, cigar, 4; boxes, fancy and paper, 5; boxes, wooden packing, 3; brass castings and finishings, 6; brick and tile, 6; bronze castings, 2; brooms and brushes, 9; butter, 7; butter renovating, 3; buttons, 2; candles, 1; canning and preserving, fruits and vegetables, 2; card cutting and designing, 1; carpets, rag, 8; carriage and wagon materials, 7; cars and general shop construction and repairs by steam railroad companies, 9; cars and general shop construction and repairs by street railroad companies, 1; car, steam railroad, not including operations of railroad companies, 1; cement, 1; charcoal, 1; chemicals, 3; china decorations, 2; chocolate and cocoa products, 1; clocks, 1; clothing, men's, 7; clothing, women's, 6; coffee and spice, roasting and grinding, 2; coffins, burial cases and undertakers' goods, 4; collars and cuffs, 1; condensed milk, 1; confectionery, 6; cooperage, 6; coppersmithing and sheet iron working, 2; cordage and twine, 3; corsets, 2; cotton goods, 1; cotton small wares, 1; cotton waste, 1; crucibles, 1; cutlery and edge tools, 1; drug grinding, 1; druggists' preparations, 3; dyeing and finishing textiles, 2; dye stuffs and extracts, 2; electrical machinery, apparatus and supplies, 3; electroplating, 1; emery wheels, 2; enameling and enameled goods, 2; engravers' materials, 1; engraving, steel, including plate printing, 1; engraving, wood, 2; envelopes, 14; explosives, 1; fancy articles, not elsewhere specified, 1; felt goods, 1; fertilizers, 2; files, 2; fire works, 1; flavoring extracts, 4; flour and grist mill products, 8; food preparations, 7; fur goods, 1; furnishing goods, men's, 1; furniture, 1; galvanizing, 1; gas and lamp fixtures, 2; gas, illuminating and heating, 15; glass, 1; glass cutting, staining and ornamenting, 2; gloves and mittens, leather, 1; glucose, 3; graphite and graphite refining, 1; grease and tallow, 4; gypsum wall plaster, 4; hair work, 1; hammocks, 1; hand stamps, 5; hardware, 7; hardware saddlery, 1; hats, straw, 1; hones and whetstones, 1; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 8; iron and steel, blast furnaces, 4; iron and steel, steel works and rolling mills, 4; iron and steel, bolts, nuts, washers and rivets, not made in rolling mills or steel works, 1; iron and steel forgings, 1; iron and steel, nails and spikes, cut and wrought, including wire nails not made in rolling mills or steel works, 1; iron and steel pipes, wrought, 2; japaning, 1; jewelry, 1; kaelin and ground earthen, 3; lamps and reflectors, 1; lasts, 1; lead, bar, pipe and sheet, 2; leather, tanned, curried, and finished, 2; lime, 1; liquors, distilled, 1; liquors, malt, 8; liquors, vinous, 1; lithographing and engraving, 2; looking glass and picture frames, 5; lumber and timber products, 4; lumber planing mill products, including sash, doors and blinds, 7; malt, 2; marble and stone work, 6; mattresses and spring beds, 7; millinery and lace goods, 2; mineral and soda waters, 5; mirrors, 1; models and patterns, not including paper patterns, 4; monuments and tombstones, 6; musical instruments and materials, not specified, 1; musical instruments, organs, 1; musical instruments, pianos, 2; musical instruments, piano and organ materials, 1; oil cloth and linoleum, floor, 1; oil, not elsewhere specified, 2; paints, 5; paper and wood pulp, 6; paper patterns, 1; paper goods, not elsewhere specified, 1; patent medicines and compounds, 9; pens, fountain and stylographic, 2; perfumery and cosmetics, 1; phonographs and graphophones, 1; photographic materials, 1; photo lithographing and photo engraving, 3; pickles, preserves and sauce, 4; plated ware, 2; pocket books, 2; pulp goods, 2; pumps, not including steam pumps, 1; regalia, society banners and emblems, 5; roofing materials, 4; saddlery and harness, 11; safes and vaults, 1; sand and emery paper and cloth, 1; sausage, 2; screws, machine, 1; screws, wood, 1; sewing machine attachments, 1; sewing machine cases, 2; ship building, iron and steel, 1; ship building, wooden, and boat building, 2; shirts, 3; shoddy, 1; slaughtering and meat packing, wholesale, 10; smelting and refining, lead, 1; soap, 3; soda water apparatus, 2; sporting goods, 1; stamped ware, 2; stationery goods, not elsewhere specified, 2; steam fitting and heating apparatus, 1; stereotyping and electroplating, 1; stoves and furnaces, not including gas and oil stoves, 4; stoves, gas and oil, 2; straw goods, not elsewhere specified, 1; structural iron works, 7; tinfoil, 2; tinware, 8; tobacco, chewing, smoking and snuff, 7; tools, not elsewhere specified, 7; trunks and valises, 3; typewriters and supplies, 1; varnishes, 2; vinegar and cider, 2; wall paper, 7; watch and clock materials, 3; watch cases, 5; watches, 3; windmills, 3; wire, 2; wire work, including wire rope and cable, 6; wool scouring, 2; woolen goods, 2.

Table II gives each industry the number of proprietors and firm members; the number of salaried officials, clerks, etc. and the total salaries paid; also the number of wage earners and total wages paid.

TABLE II—*Eleven Cities—20,000 Population and Over—Number of Proprietors, Firm Members, Salaried Officials, Salaries Paid, also Average Number of Employés and Wages Paid. By Industries—1904.*

Number.	INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- pri- etors and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
	THE STATE .....	14,921	13,990	54,521	\$60,559,678	379,436	\$208,405,468
	ELEVEN CITIES .....	9,536	8,403	45,726	51,436,565	289,671	161,917,957
	Enumerated industries	8,959	8,002	40,237	45,235,381	246,863	138,092,612
	Unenumerated indus- tries .....	577	401	5,489	6,201,184	42,808	23,827,345
1	Agricultural implements..	18	9	233	282,145	1,604	916,605
2	Artificial feathers, flowers.	17	21	9	7,410	171	50,978
3	Artificial limbs .....	8	3	15	10,746	29	22,964
4	Artificial stone .....	3	3	3	2,000	12	8,323
5	Artists' materials .....	10	7	48	41,007	116	52,991
6	Automobile bodies, parts..	4	4	2	2,010	21	6,961
7	Automobiles .....	7	3	15	26,180	145	99,433
8	Awnings, tents, sails .....	11	13	62	68,053	558	306,184
9	Babbit metal, solder .....	9	4	25	30,401	62	34,931
10	Bags, other than paper....	4	2	21	21,430	127	47,496
11	Bags, paper .....	4	5	3	2,170	30	11,884
12	Baking and yeast powders	16	14	145	199,963	645	317,063
13	Baskets, rattan, willow ware .....	10	11	1	1,560	56	26,982
14	Belting and hose, leather..	10	6	63	82,306	157	95,580
15	Bicycles and tricycles .....	11	5	80	81,584	966	592,217
16	Billiard tables, materials.	8	9	1	634	21	10,873
17	Blacking .....	10	9	25	23,666	128	45,062
18	Blueing .....	4	3	14	12,700	25	10,352
19	Bookbinding, blank book making .....	67	68	211	208,532	1,505	776,507
20	Boot and shoe findings ....	4	3	4	4,900	73	27,488
21	Boots and shoes .....	30	25	168	199,658	2,243	1,223,248
22	Boxes, cigar .....	10	10	26	27,759	344	130,016
23	Boxes, fancy, paper .....	39	24	193	217,443	2,324	809,134
24	Boxes, wooden packing ....	22	15	159	205,362	2,770	1,216,779
25	Brass .....	3	1	11	19,372	25	15,742
26	Brass castings, finishing..	19	18	47	58,403	415	270,397
27	Brassware .....	21	18	108	116,779	449	247,586
28	Bread, other bakery pro- ducts .....	970	1,011	595	545,163	6,444	3,584,536
29	Brick and tile .....	37	18	78	127,668	912	648,203
30	Brooms and brushes .....	69	68	33	34,670	403	208,434
31	Butter, reworking .....	4	6	8	8,284	65	42,221
32	Buttons .....	11	17	6	1,980	47	16,338
33	Calcium lights .....	3	1	3	4,564	7	4,744
34	Canning, preserving fish..	4	4	.....	.....	4	2,118
35	Canning, preserving fruits, vegetables .....	3	3	3	4,000	42	17,416
36	Carpets, rag .....	45	48	28	15,691	200	96,530
37	Carriage and wagon ma- terials .....	9	6	5	5,036	58	36,116
38	Carriages and sleds, chil- dren .....	4	2	25	23,148	172	83,377
39	Carriages and wagons .....	150	169	210	269,882	2,447	1,399,836

Table 11—Continued.

Number.	INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
40	Cars, gen. shop cons., re- pairs, steam .....	34	.....	586	545,199	9,966	6,606,816
41	Cars, gen. shop cons., re- pairs, street .....	8	.....	26	27,207	985	641,136
42	Cars, steam railroad .....	11	.....	517	620,774	7,059	4,896,877
43	Cash registers, calculating machines .....	7	4	51	58,356	270	152,763
44	Chemicals .....	8	2	92	\$ 151,040	351	\$ 222,911
45	Cleansing, polishing pre- parations .....	25	20	24	25,610	46	23,572
46	Cloth, sponging, refinish- ing .....	5	4	5	7,228	64	47,040
47	Clothing, men's .....	571	694	2,690	2,874,305	19,424	9,544,894
48	Clothing, men's button- holes .....	14	14	.....	.....	55	23,585
49	Clothing, women's .....	177	244	676	683,616	4,383	2,112,984
50	Coffee, spice, roasting, grinding .....	23	21	380	467,088	940	425,025
51	Coffins, burial cases, un- dertaker's goods .....	10	8	97	116,639	471	235,536
52	Confectionery .....	70	49	423	391,384	3,291	1,082,476
53	Cooperage .....	49	52	114	150,860	1,532	827,470
54	Coppersmithing, sheet iron working .....	162	179	227	269,092	1,702	1,226,119
55	Cordials and syrups .....	4	3	40	54,843	39	19,049
56	Cork cutting .....	5	2	15	21,931	115	41,573
57	Corsets .....	11	12	22	26,170	430	174,611
58	Cutlery and edge tools .....	4	2	11	19,226	419	160,262
59	Dairymen's, poulterer's, aplarists supplies .....	15	7	69	48,677	236	100,125
60	Dentists' materials .....	8	7	13	11,500	78	35,945
61	Druggists' preparations .....	11	7	83	105,163	264	132,848
62	Dyeing, finishing textiles .....	5	2	19	22,826	43	20,408
63	Electrical machinery, ap- paratus, supplies .....	96	38	1,519	1,367,419	5,927	3,098,885
64	Electroplating .....	23	27	21	18,529	234	141,806
65	Engraving, die sinking .....	36	39	34	30,030	227	164,368
66	Engraving, steel, plate printing .....	21	16	53	76,009	440	273,698
67	Engraving wood .....	16	20	23	26,902	89	62,742
68	Fancy articles not else- where specified .....	35	26	119	136,493	772	336,711
69	Fire extinguishers, chem- ical .....	4	3	2	4,300	18	14,460
70	Flags and banners .....	6	4	16	14,068	34	11,564
71	Flavoring extracts .....	31	24	101	101,801	227	113,658
72	Flour, grist mill products .....	21	21	74	114,106	310	184,467
73	Food preparations .....	51	45	517	501,950	674	313,118
74	Foundry, machine shop products .....	526	322	3,751	4,710,828	25,933	15,833,431
75	Foundry supplies .....	3	1	7	5,800	46	22,092
76	Fur goods .....	34	38	43	67,350	318	197,925
77	Furnishing goods, men's .....	31	41	219	157,448	1,282	488,126
78	Furniture .....	176	121	990	1,148,526	11,355	6,201,991
79	Furs, dressed .....	6	6	6	10,630	38	26,981
80	Galvanizing .....	3	4	4	4,688	39	20,343
81	Gas and lamp fixtures .....	30	26	156	178,698	837	480,938
82	Gas machines and meters .....	8	4	40	41,894	53	33,137
83	Glass cutting, staining, ornamenting .....	35	36	113	115,215	682	419,104
84	Gloves and mittens, leather .....	21	27	63	61,842	1,049	389,718
85	Glue .....	5	1	162	199,106	697	468,373
86	Gold and silver, leaf foil .....	3	6	8	8,802	140	74,184
87	Gold and silver, reducing, refining .....	3	5	12	8,552	25	20,720
88	Grease and tallow .....	13	10	82	98,792	560	370,917
89	Gypsum wall plaster .....	3	1	4	2,395	13	7,622

Table II—Continued.

Number.	INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro-prietors and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
90	Hairwork .....	13	9	43	\$ 31,193	189	\$ 65,239
91	Hand knit goods .....	16	19	3	3,416	97	35,420
92	Hand stamps .....	19	20	44	23,997	97	59,749
93	Hardware .....	52	31	199	308,640	1,291	741,531
94	Hardware, saddlery .....	5	6	1	936	18	11,120
95	Hats and caps, other than felt, straw, wool .....	35	51	23	16,920	436	253,275
96	Hats, felt .....	4	4	7	6,158	34	23,004
97	Hosiery and knit goods .....	18	19	49	82,452	1,942	661,867
98	House furnishing goods not elsewhere specified ..	17	12	42	56,399	208	103,605
99	Ice, manufactured .....	3	3	52	46,858	133	77,781
100	Ink, printing .....	6	4	27	36,821	35	17,203
101	Ink, writing .....	4	.....	30	46,078	74	31,463
102	Instruments, professional scientific .....	25	16	83	74,959	233	138,798
103	Iron and steel, steel works, rolling mills .....	8	.....	598	748,690	6,644	4,317,415
104	Iron and steel, bolts, nuts, washers, rivets .....	3	.....	26	14,500	94	52,642
105	Iron and steel, doors and shutters .....	4	1	19	22,244	122	77,048
106	Iron and steel forgings .....	8	4	56	88,499	510	374,253
107	Iron and steel, nails, spikes, cut and wrought ..	3	1	16	15,470	184	93,210
108	Ivory and bone work .....	3	2	1	312	9	5,250
109	Jewelry .....	41	49	133	122,782	710	455,013
110	Jewelry and instrument cases .....	9	7	5	8,217	99	38,807
111	Labels and tags .....	9	10	33	41,035	237	87,468
112	Lamps and reflectors .....	10	4	27	25,104	93	50,337
113	Lapidary work .....	4	5	4	2,675	19	18,000
114	Leather goods .....	32	24	63	78,352	469	225,862
115	Leather, tanned, curried, finished .....	23	18	80	111,074	2,479	1,187,585
116	Lime .....	6	1	39	61,595	455	229,562
117	Liquors, distilled .....	6	.....	36	71,866	561	323,477
118	Liquors, malt .....	65	14	576	1,072,058	3,075	2,348,095
119	Lithographing and engraving .....	22	12	65	96,893	609	492,526
120	Looking-glass, picture frames .....	67	55	477	448,240	2,128	1,133,460
121	Lumber, planing mill products, sashes, doors .....	164	115	617	714,657	5,741	3,264,668
122	Malt .....	16	3	94	201,139	451	342,948
123	Marble and stone work .....	64	81	86	145,877	1,220	849,885
124	Mattresses and spring beds ..	46	45	74	83,066	755	330,933
125	Millinery and lace goods .....	44	46	284	269,481	2,699	1,059,087
126	Mineral and soda waters .....	64	64	48	48,202	563	338,049
127	Mirrors .....	14	9	56	75,731	415	221,619
128	Models, patterns, not including paper .....	52	54	27	29,688	282	204,876
129	Monuments and tombstones .....	19	24	23	30,506	174	138,858
130	Mucilage and paste .....	9	6	33	24,747	74	32,865
131	Musical instruments, materials, not specified .....	24	22	41	51,499	484	298,879
132	Musical instruments, organs .....	6	4	17	15,642	124	88,205
133	Musical instruments, pianos .....	23	6	436	540,096	4,166	2,328,984
134	Musical instruments, pianos, organs, materials ..	3	1	33	46,859	596	298,641
135	Nets and seines .....	3	1	16	19,300	89	30,769
136	Oil, linseed .....	5	2	21	17,090	216	138,534
137	Oil, not elsewhere specified ..	7	4	25	25,080	13	8,444
138	Oleomargarine .....	3	.....	75	77,710	258	169,496
139	Optical goods .....	8	5	17	36,440	141	97,631
140	Paints .....	31	6	375	571,823	954	552,832

Table 11—Continued.

Number.	INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
141	Paper goods, not elsewhere specified.	29	19	66	\$ 69,144	423	\$ 153,690
142	Patent medicines, compounds	217	159	1,051	933,934	1,170	487,780
143	Paving and paving material	4	3	26	26,510	71	35,469
144	Pens, gold	3	1	8	6,431	14	9,936
145	Perfumery and cosmetics.	34	24	92	90,538	157	69,506
146	Photographic apparatus	7	7	7	8,448	17	10,451
147	Photographic materials	12	6	193	147,295	243	113,564
148	Photolithographing, photo engraving	18	5	224	235,942	571	507,407
149	Pickles, preserves and sauce	43	47	141	149,249	964	420,625
150	Pipes, tobacco	3	3	7	7,710	16	9,200
151	Plumbers' supplies	11	4	136	162,326	1,975	1,208,735
152	Pottery, terra cotta, fire-clay prod.	12	12	74	115,904	621	384,943
153	Printing, publishing, book, job	771	694	2,356	2,559,267	12,590	7,323,562
154	Printing, publishing, music	32	27	171	93,107	40	21,970
155	Printing, publishing, newspapers, periodicals	495	284	4,408	4,293,585	4,323	3,460,910
156	Printing materials	14	13	32	46,273	85	65,284
157	Pumps, not including steam	11	4	31	39,100	208	133,475
158	Refrigerators	4	5	6	9,980	98	56,612
159	Regalia, society banners, emblems	14	13	18	13,414	136	55,662
160	Roofing and roofing materials	6	3	42	72,488	152	76,783
161	Rubber and elastic goods	10	5	156	167,175	1,154	452,897
162	Saddlery and harness	37	43	157	145,306	737	434,142
163	Sausage	24	25	13	11,232	154	94,821
164	Saws	7	4	44	50,871	420	187,057
165	Scales and balances	8	3	22	21,719	109	70,380
166	Sewing machines, attachments	5	5	47	49,741	241	152,911
167	Shipbuilding, wooden, boat building	7	7	8	11,609	190	112,765
168	Shirts	30	30	137	138,871	731	299,386
169	Show cases	18	17	41	44,188	440	251,912
170	Silk and silk goods	3	1	25	31,342	524	135,579
171	Slaughtering, meat packing, wholesale	27	14	4,968	5,952,055	22,505	12,309,533
172	Slaughtering, wholesale, not packing	8	25	17	17,584	222	145,103
173	Smelting, refining zinc, not from ore	6	3	10	16,800	25	19,636
174	Soap	23	15	537	616,599	1,835	857,450
175	Soda water apparatus	5	2	133	128,677	652	363,682
176	Sporting goods	12	13	31	25,390	343	153,143
177	Springs, steel car, carriage	4	.....	48	75,928	316	153,335
178	Stamped ware	11	5	83	89,848	306	139,786
179	Stationery goods, not elsewhere spec.	29	23	111	133,122	505	219,639
180	Statuary and art goods	7	3	34	44,456	379	237,596
181	Steam fitting, heating apparatus	18	13	64	89,026	329	213,075
182	Steam packing	11	6	42	39,617	130	65,867
183	Stencils and brands	6	4	3	2,964	125	74,414
184	Stereotyping and electrotyping	18	8	114	134,892	651	524,346
185	Stoves, furnaces, not inc. gas, oil	35	16	210	260,405	1,810	1,143,710
186	Structural iron work	68	45	486	576,956	3,434	2,092,717
187	Sugar, molasses, refining	5	4	31	42,649	135	62,011
188	Surgical appliances	18	14	92	137,964	402	153,938

Table No. 11—Concluded.

Number.	INDUSTRIES.	Number of establishments.	OFFICIALS AND SALARIES.			WAGE EARNERS.	
			Pro- priators and firm members.	Salaried officials, clerks, etc.	Salaries paid.	Average number.	Wages paid.
189	Tinware.....	31	20	96	183,557	1,652	747,025
190	Tobacco, chew'g, smok'g, snuff.....	24	25	32	48,520	750	260,597
191	Tobacco, cigars, cigarettes	1,132	1,234	215	185,131	4,466	2,463,054
192	Tools, not elsewhere spec.	33	35	34	30,451	220	137,250
193	Toys and games .....	19	14	22	21,034	149	66,796
194	Trunks and valises .....	19	16	69	102,206	665	498,788
195	Type foundings.....	3	2	95	93,034	347	227,766
196	Typewriters and supplies..	8	7	33	36,294	181	104,481
197	Umbrellas and canes .....	4	2	1	225	27	10,168
198	Upholstering materials.....	11	3	66	100,198	714	284,426
199	Varnishes.....	21	7	259	363,294	241	172,338
200	Vaults, lights and venti- lators.....	4	2	3	5,560	34	26,582
201	Vinegar and cider.....	4	.....	28	43,726	102	59,804
202	Washing machines, clothes wringers.....	6	4	10	9,646	15	8,554
203	Whips.....	3	1	7	5,891	70	24,681
204	Window shades, fixtures..	22	18	46	72,821	367	159,696
205	Wire work, wire rope and cable.....	36	38	36	49,615	250	118,295
206	Wood carpet.....	3	5	10	8,129	57	39,044
207	Wood, turned and carved..	48	56	35	29,636	389	222,271
208	Woodenware, not else- where spec.....	12	12	12	14,106	152	75,675
209	Wool pulling.....	3	4	1	600	28	13,068
210	All other industries*.....	577	401	5,489	6,201,184	42,808	23,827,345



Table 12 presents the wage earners, classified, showing the men 16 years of age and over, and the children under 16 years of age. Omitting the unenumerated industries, the total number of industries shown in the classification is 209, these are conducted by 8,959 establishments, considering the total number of wage earners, as classified, in these establishments, as to earnings; it is shown that, for men, the average for the year was \$620.00; for women \$360.00, and for children, \$194.00. It is found that, in the 209 industries, women are employed in 166 and children in 127.

The largest number of women and children employed in any one industry, is found to be in men's clothing, the number being 10,911 and 581 respectively.

*Table 12—Eleven Cities—20,000 Population and Over—Average Number of Wage Earners and Wages paid during the Year by Industries—1904.*

Number.	INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
	THE STATE .....	14,921	314,091	\$187,568,896	60,399	\$19,893,360	4,946	943,212
	ELEVEN CITIES .....	9,536	231,964	143,051,715	53,869	18,125,709	3,838	742,533
	Enumerated industries ...	8,959	195,579	121,179,617	47,870	16,252,119	3,414	680,876
	Unenumerated industries.	577	36,385	21,872,098	5,999	1,873,590	424	81,657
1	Agricultural implements .....	17	1,600	914,577	2	728	2	400
2	Artificial feathers, flowers.....	9	36	17,102	130	32,602	5	1,274
3	Artificial limbs.....	3	28	21,789	1	175	.....	.....
4	Artificial stone.....	10	12	8,323	.....	.....	.....	.....
5	Artists' materials.....	4	66	38,780	46	13,532	4	679
6	Automobile bodies, parts.....	7	21	6,961	.....	.....	.....	.....
7	Automobiles.....	11	145	99,433	.....	.....	.....	.....
8	Awnings, tents, sails.....	9	272	198,064	280	106,826	6	1,294
9	Babbitt metal, solder.....	4	59	34,328	2	528	1	75
10	Bags, other than paper.....	4	58	28,552	66	18,450	3	494
11	Bags, paper.....	16	12	7,008	18	4,876	.....	.....
12	Baking and yeast powders.....	10	307	200,952	338	116,110	.....	.....
13	Baskets, rattan, willow ware	10	46	23,683	10	3,299	.....	.....
14	Belting and hose, leather.....	10	155	94,380	2	1,200	.....	.....
15	Bicycles and tricycles.....	11	965	581,956	1	261	.....	.....
16	Billiard tables, materials.....	8	17	9,468	4	1,405	.....	.....
17	Blacking.....	10	62	27,276	53	12,444	13	5,342
18	Bluing.....	4	9	5,890	14	4,174	2	288
19	Bookbinding, blankbook making.....	67	820	553,815	662	218,346	23	4,346
20	Boot and shoe findings.....	4	13	10,608	45	13,880	15	3,000
21	Boots and shoes.....	30	1,459	684,079	734	330,742	50	8,427
22	Boxes, cigar.....	10	152	75,396	180	51,733	12	2,887
23	Boxes, fancy, paper.....	39	652	376,140	1,411	395,250	261	37,744
24	Boxes, wooden packing.....	22	2,723	1,204,601	1	290	46	11,888
25	Brass.....	3	25	75,742	.....	.....	.....	.....
26	Brass castings, finishing.....	19	398	264,424	17	5,973	.....	.....
27	Brassware.....	21	433	242,647	13	4,289	3	650
28	Bread, other bakery prod.....	970	4,554	3,030,893	1,813	534,829	77	18,884

Table 12—Continued.

Number.	INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
29	Brick and tile.....	37	906	\$ 646,417	.....	.....	6	\$ 1,786
30	Brooms and brushes.....	69	290	177,576	109	\$ 30,074	4	784
31	Butter, reworking.....	4	64	42,071	1	150	.....	.....
32	Buttons.....	11	27	9,915	17	5,784	3	639
33	Calcium lights.....	3	6	4,120	1	624	.....	.....
34	Canning, preserving, fish.....	4	4	2,118	.....	.....	.....	.....
35	Canning, preserving, fruits, vegetables.....	3	22	12,216	20	5,200	.....	.....
36	Carpets, rag.....	45	171	88,429	21	6,751	8	1,350
37	Carriage and wagon materials.....	9	54	34,632	4	1,484	.....	.....
38	Carriages and sleds, children	4	160	78,992	12	4,385	.....	.....
39	Carriages and wagons.....	150	2,427	1,393,126	16	5,636	4	1,074
40	Cars, gen. shop cons., repairs, steam.....	34	9,919	6,589,200	46	17,353	1	263
41	Cars, gen. shop cons., repairs, street.....	8	982	639,936	3	1,200	.....	.....
42	Cars, steam railroad.....	11	7,009	4,875,875	50	21,002	.....	.....
43	Cash registers, calculating machines.....	7	270	152,762	.....	.....	.....	.....
44	Chemicals.....	8	343	220,155	8	2,756	.....	.....
45	Cleansing, polishing preparations.....	25	43	22,228	3	1,344	.....	.....
46	Cloth, sponging, refinishing.....	5	64	47,040	.....	.....	.....	.....
47	Clothing, men's.....	571	7,932	5,345,277	10,911	4,090,363	581	109,254
48	Clothing, men's buttonholes	14	44	20,532	11	3,053	.....	.....
49	Clothing, women's.....	177	1,409	998,832	2,940	1,106,606	34	7,546
50	Coffee, spice, roasting, grinding.....	23	540	321,156	376	100,617	24	3,252
51	Coffins, burial cases, undertaker's goods.....	10	353	200,143	116	35,071	2	312
52	Confectionery.....	70	1,016	498,039	2,110	554,154	165	30,283
53	Cooperage.....	49	1,824	825,858	1	260	7	1,352
54	Coppersmithing, sheet iron working.....	162	1,695	1,224,330	4	1,121	3	668
55	Cordials and syrups.....	4	26	15,109	13	3,940	.....	.....
56	Cork cutting.....	5	69	28,302	46	13,271	.....	.....
57	Corsets.....	11	35	27,900	403	146,711	.....	.....
58	Cutlery and edge tools.....	4	371	140,263	38	8,700	10	1,300
59	Dairymen's, poulterer's, apiarists supplies.....	15	181	87,573	55	12,552	.....	.....
60	Dentists' materials.....	8	44	27,502	25	6,987	9	1,456
61	Druggists' preparations.....	11	141	87,736	117	43,912	6	1,200
62	Dyeing, finishing textiles.....	5	23	14,012	20	6,396	.....	.....
63	Electrical machinery, apparatus, supplies.....	96	4,794	2,692,550	1,131	405,863	2	472
64	Electroplating.....	23	229	140,500	4	1,046	1	260
65	Engraving, die sinking.....	36	209	157,842	11	4,940	7	1,586
66	Engraving, steel, plate printing.....	21	252	221,985	169	47,896	19	3,807
67	Engraving, wood.....	16	86	62,072	2	566	1	104
68	Fancy articles not elsewhere specified.....	35	384	211,479	320	107,301	68	7,931
69	Fire extinguishers, chemical	4	18	14,460	.....	.....	.....	.....
70	Flags and banners.....	6	5	1,300	28	10,062	1	182
71	Flavoring extracts.....	21	107	79,605	111	32,181	9	1,872
72	Flour, grist mill products.....	21	308	183,917	2	550	.....	.....
73	Food preparations.....	51	444	245,086	229	67,728	1	304
74	Foundry, machine shop products.....	526	25,409	15,669,800	439	147,177	85	17,454
75	Foundry supplies.....	3	46	22,092	.....	.....	.....	.....
76	Fur goods.....	34	151	122,788	164	74,692	3	445
77	Furnishing goods, men's.....	31	127	84,894	1,122	396,479	33	6,753
78	Furniture.....	176	11,030	6,114,449	175	55,157	150	32,365

Table 12—Continued.

Number.	INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
79	Furs, dressed.....	6	34	\$ 25,265	4	\$ 1,716	.....	.....
80	Galvanizing.....	3	39	20,343	.....	.....	.....	.....
81	Gas and lamp fixtures.....	30	655	427,857	181	52,891	1	\$ 200
82	Gas machines and meters.....	9	53	33,137	.....	.....	.....	.....
83	Glass cutting, staining, ornamenting.....	35	632	403,978	27	10,235	23	4,991
84	Gloves and mittens, leather.....	21	338	165,174	667	215,368	44	8,176
85	Glue.....	5	571	412,908	122	54,685	4	779
86	Gold and silver, leaf, foil.....	5	61	52,438	56	17,534	23	4,212
87	Gold and silver, reducing, refining.....	3	25	20,720	.....	.....	.....	.....
88	Grease and tallow.....	13	555	369,661	3	818	2	438
89	Gypsum wall plaster.....	3	13	7,622	.....	.....	.....	.....
90	Hairwork.....	13	8	5,842	180	59,267	1	180
91	Hand knit goods.....	16	20	9,985	74	24,950	3	855
92	Hand stamps.....	19	84	56,219	7	2,343	6	1,188
93	Hardware.....	52	1,177	702,034	100	36,237	14	3,560
94	Hardware, saddlery.....	5	18	11,120	.....	.....	.....	.....
95	Hats and caps, other than felt straw, wool.....	35	271	185,570	160	66,430	5	1,275
96	Hats, felt.....	4	16	16,040	18	6,964	.....	.....
97	Hosiery and knit goods.....	18	519	255,080	1,361	396,845	43	7,942
98	House furnishing goods, not elsewhere specified.....	17	168	91,986	31	9,764	9	1,855
99	Ice, manufactured.....	3	133	77,781	.....	.....	.....	.....
100	Ink, printing.....	6	33	17,203	.....	.....	.....	.....
101	Ink, writing.....	4	39	20,900	31	9,363	4	1,200
102	Instruments, professional, scientific.....	25	222	135,546	7	2,428	4	824
103	Iron and steel, steel works, rolling mills.....	8	6,618	4,309,146	23	7,645	3	624
104	Iron and steel, bolts, nuts, washers, rivets.....	3	94	52,642	.....	.....	.....	.....
105	Iron and steel, doors and shutters.....	4	122	77,048	.....	.....	.....	.....
106	Iron and steel forgings.....	8	508	373,770	.....	.....	2	483
107	Iron and steel, nails, spikes, cut and wrought.....	3	112	68,210	72	25,000	.....	.....
108	Ivory and bone work.....	3	9	5,230	.....	.....	.....	.....
109	Jewelry.....	41	654	434,424	51	19,231	5	1,358
110	Jewelry and instrument cases.....	9	49	22,986	49	15,693	1	248
111	Labels and tags.....	9	104	63,480	125	22,964	8	1,024
112	Lamps and reflectors.....	10	88	50,000	3	806	2	131
113	Lapidary work.....	4	19	18,000	.....	.....	.....	.....
114	Leather goods.....	22	277	165,600	167	59,148	5	1,114
115	Leather, tanned, curried, finished.....	23	2,476	1,186,909	.....	.....	3	676
116	Lime.....	6	455	229,562	.....	.....	.....	.....
117	Liquors, distilled.....	6	557	322,643	4	834	.....	.....
118	Liquors, malt.....	65	3,016	2,329,752	55	16,892	4	1,451
119	Lithographing and engraving.....	22	532	468,225	73	23,533	4	768
120	Looking-glass, picture frames.....	67	1,816	1,019,930	200	88,307	112	25,223
121	Lumber, planing mill products, sashes, doors.....	164	5,691	3,253,296	9	3,245	41	8,127
122	Matt.....	16	451	342,948	.....	.....	.....	.....
123	Marble and stone work.....	64	1,218	849,421	1	300	1	174
124	Mattresses and spring beds.....	46	578	264,600	144	58,651	33	7,682
125	Millinery and lace goods.....	44	306	239,169	2,296	804,911	95	15,007
126	Mineral and soda waters.....	64	551	334,913	5	1,420	7	1,716
127	Mirrors.....	14	407	219,140	4	1,648	4	831
128	Models, patterns, not including paper.....	52	230	183,884	52	20,992	.....	.....
129	Monuments and tomb-stones.....	19	174	139,858	.....	.....	.....	.....
130	Mucilage and paste.....	9	54	27,993	18	4,522	2	350
131	Musical instruments, materials, not specified.....	24	466	294,679	3	1,314	15	2,896
132	Musical instruments, organs.....	6	123	88,005	.....	.....	1	200

Table 12—Continued.

Number.	INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
133	Musical instruments, pianos..	23	3,901	\$2,265,900	128	\$ 37,236	137	\$25,844
134	Musical instruments, piano, organ, materials.....	3	479	265,641	117	33,000		
135	Nets and seines.....	3	19	10,600	70	20,169		
136	Oil, linseed.....	5	214	137,754	2	780		
137	Oil, not elsewhere specified ..	7	13	8,444				
138	Oleomargarine.....	3	251	166,928	7	1,568		
139	Optical goods.....	8	96	81,806	40	14,973	5	852
140	Paints.....	31	848	519,522	106	33,310		
141	Paper goods, not elsewhere specified.....	27	135	73,042	251	75,063	37	5,585
142	Patent medicines, compounds	217	451	269,614	675	210,578	44	7,588
143	Paving and paving materials.	4	71	35,469				
144	Pens, gold.....	3	14	9,936				
145	Perfumery and cosmetics.....	34	47	31,668	108	37,422	2	416
146	Photographic apparatus.....	7	17	10,451				
147	Photographic materials.....	12	130	65,101	113	48,403		
148	Photo lithographing, photo engraving.....	18	519	482,225	42	23,057	10	2,125
149	Pickles, preserves and sauce ..	43	430	270,585	516	147,213	18	2,827
150	Pipes, tobacco.....	3	15	8,994	1	266		
151	Plumbers' supplies.....	11	1,855	1,177,037	109	30,438	11	1,260
152	Pottery, terra cotta, fire-clay products.....	12	600	378,195	14	3,532	7	3,216
153	Printing, publishing, book, job	771	9,228	6,225,115	3,098	1,042,770	264	55,677
154	Printing, publishing, music.....	32	22	15,120	18	6,850		
155	Printing, publishing, news-paper, periodicals.....	475	3,802	3,258,314	463	192,751	58	9,845
156	Printing materials.....	14	84	65,198			1	96
157	Pumps, not including steam.....	11	207	133,475			1	321
158	Refrigerators.....	4	98	56,612				
159	Regalia, society banners, emblems.....	14	42	24,430	88	30,152	6	1,080
160	Roofing and roofing materials	6	151	76,627	1	156		
161	Rubber and elastic goods.....	10	769	357,357	374	93,610	11	1,930
162	Saddlery and harness.....	37	686	405,723	36	18,531	15	9,888
163	Sausage.....	24	153	94,596	1	225		
164	Saws.....	7	420	287,057				
165	Scales and balances.....	8	106	69,548			3	832
166	Sewing machines, attachments.....	5	239	152,453	1	351	1	107
167	Shipbuilding, wooden, boat building.....	7	190	112,765				
168	Shirts.....	30	105	69,917	618	228,216	8	1,253
169	Show cases.....	18	433	250,658	1	490	6	774
170	Silk and silk goods.....	3	50	29,288	436	98,254	38	8,057
171	Slaughtering, meat packing ing, wholesale.....	27	19,971	11,458,181	2,477	840,982	57	10,370
172	Slaughtering, wholesale, not packing.....	8	222	145,103				
173	Smelting and refining zinc, not from ore.....	6	25	19,636				
174	Soap.....	23	1,131	625,882	664	223,810	40	7,758
175	Soda water apparatus.....	5	580	346,001	71	17,506	1	175
176	Sporting goods.....	12	188	106,907	151	45,541	4	700
177	Springs, steel, car, carriage ..	4	316	153,335				
178	Stamped ware.....	11	227	117,866	70	20,184	9	1,736
179	Stationery goods, not elsewhere specified.....	29	301	153,798	193	63,926	11	1,915
180	Statuary and art goods.....	7	373	235,196	6	2,400		
181	Steamfitting, heating apparatus.....	18	326	212,295			3	780
182	Steam packing.....	11	123	64,378	7	1,509		
183	Stencils and brands.....	6	118	72,412	1	520	6	1,482
184	Stereotyping and electrotyping.....	18	636	517,392	13	6,604	2	350

Table 12—Concluded.

Number.	CITIES AND INDUSTRIES.	Number of establishments.	WAGE EARNERS AND WAGES PAID TO—					
			MEN 16 YEARS AND OVER.		WOMEN 16 YEARS AND OVER.		CHILDREN UNDER 16 YEARS.	
			Average number.	Wages.	Average number.	Wages.	Average number.	Wages.
185	Stoves, furnaces, not included in gas, oil.....	35	1,802	\$ 1,141,968			8	\$ 1,842
186	Structural iron work.....	68	3,430	2,091,955			4	762
187	Sugar, molasses, refining.....	5	96	52,064	39	\$ 9,947		
188	Surgical appliances.....	18	129	80,118	272	73,338	1	182
189	Tinware.....	31	1,305	654,147	314	87,104	33	5,774
190	Tobacco, chewing, smoking, snuff.....	24	215	119,455	531	140,341	4	801
191	Tobacco, cigars and cigarettes.....	1,132	3,358	2,065,337	965	378,694	123	19,023
192	Tools, not elsewhere specified.....	33	206	133,999	12	2,758	2	498
193	Toys and games.....	19	79	47,731	67	18,240	3	825
194	Trunks and valises.....	19	816	458,035	100	39,141	49	11,612
195	Type foundries.....	3	264	198,421	81	28,929	2	416
196	Typewriters and supplies.....	8	175	101,906	6	2,675		
197	Umbrellas and canes.....	4	6	4,168	20	5,792	1	208
198	Upholstering materials.....	11	304	155,571	399	125,268	11	3,587
199	Varnishes.....	21	232	169,775	6	1,939	3	624
200	Vault lights and ventilators.....	4	34	26,592				
201	Vinegar and cider.....	4	97	58,452	5	1,352		
202	Washing machines, clothes wringers.....	6	13	7,638	2	916		
203	Whips.....	3	38	18,683	8	2,418	24	3,580
204	Window shades, fixtures.....	22	187	105,000	163	51,350	17	3,346
205	Wire work, wire rope and cable.....	36	169	92,685	74	24,176	7	1,434
206	Wood carpet.....	3	57	39,044				
207	Wood, turned and carved.....	48	362	214,787	25	6,964	2	520
208	Woodenware, not elsewhere specified.....	12	150	75,175	2	500		
209	Wool pulling.....	3	28	13,067				
210	All other industries.....	577	36,385	21,872,098	5,999	1,873,590	424	81,657

TWENTY CITIES, POPULATION IN 1900 OF 8,000 BUT UNDER 20,000.

The following tables present the statistics of 1,000 establishments located in twenty cities of the State, each having a population, in 1900 of at least 8,000, but under 20,000. These tables give the totals for all of the leading subjects shown in the preceding tables for the eleven cities. However, the industries carried on in the 20 cities are not given.

Table 13 gives the capital invested, with the proportion that each division bears to that of the State; the total being only 7.5 per cent.

TABLE 13—*Twenty Cities—Population in 1900 at least 8,000, but under 20,000—Distribution of Capital, with Per Cent of each Division, by Cities, 1904.*

CITIES.	ESTABLISHMENTS		CAPITAL INVESTED.							
	Number.	Per cent.	LAND.		BUILDINGS.		MACHINERY, TOOLS AND IMPLEMENTS.		CASH AND SUNDRIES.	
			Value.	Per cent.	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.
The State .....	14,921	.....	\$85,991,323	.....	\$153,351,188	.....	\$332,968,456	.....	\$508,433,837	.....
Twenty Cities..	1,000	100.0	4,102,655	100.0	11,000,427	100.0	15,414,524	100.0	42,253,145	100.0
Per cent of the State .....	6.7	.....	4.8	.....	2.2	.....	6.6	.....	8.4	.....
Alton .....	62	6.2	188,060	4.6	566,865	5.2	775,549	5.0	2,471,616	5.8
Belleville .....	96	9.6	259,999	6.3	881,555	7.6	726,366	4.7	1,265,746	3.0
Cairo .....	57	5.7	165,728	4.0	754,218	6.9	794,673	5.2	1,371,676	3.3
Champaign .....	36	3.6	89,450	2.2	86,000	0.8	306,433	2.0	98,444	0.2
Danville .....	70	7.0	263,639	6.4	451,507	4.1	817,385	5.3	569,531	1.4
Evanston .....	33	3.3	51,376	1.3	181,661	1.6	666,930	4.3	823,009	2.0
Freeport .....	61	6.1	282,860	6.9	710,180	6.5	699,429	4.6	1,797,843	4.3
Galesburg .....	58	5.8	124,700	3.0	198,677	1.8	668,098	4.3	574,123	1.4
Jacksonville .....	55	5.5	144,232	3.5	282,941	2.6	575,926	3.7	813,472	1.9
Kankakee .....	49	4.9	206,791	5.0	382,068	3.5	341,857	2.2	815,139	1.9
Kewanee .....	19	1.9	183,637	4.5	781,169	7.1	843,115	5.5	3,218,730	7.6
LaSalle .....	24	2.4	166,857	4.1	451,256	4.1	783,500	5.1	651,546	1.6
Lincoln .....	39	3.9	60,250	1.5	90,713	0.8	134,290	0.9	265,562	0.6
Mattoon .....	34	3.4	59,755	1.5	155,723	1.4	249,524	1.6	217,975	0.5
Moline .....	62	6.2	912,414	22.2	2,194,381	19.9	2,904,187	18.9	18,393,674	43.5
Ottawa .....	54	5.4	152,546	3.7	482,344	4.4	497,329	3.2	1,356,389	3.2
Pekin .....	44	4.4	97,770	2.4	235,423	2.1	208,505	1.3	1,106,314	2.6
Rock Island .....	72	7.2	321,266	7.8	1,050,232	9.5	1,049,376	6.8	4,782,532	11.3
Streator .....	34	3.4	121,155	3.0	390,587	3.5	310,834	2.0	556,262	1.3
Waukegan .....	41	4.1	260,180	6.1	722,862	6.6	2,066,228	13.4	1,101,562	2.6

Table 14 shows the total expenses, material, rent, etc. and the total value of the product.

The total expenses is only 4.5 per cent of the total for the State, and the value of the product 5.2 per cent.

TABLE 14—*Twenty Cities, Population in 1900 at least 8,000 but under 20,000, Distribution of Expenses and Total Value of Product, with Per Cent of each division, by Cities, 1904.*

CITIES.	Establishments.	EXPENSES.						TOTAL VALUE OF PRODUCT.	
		MISCELLANEOUS.		MATERIALS.		TOTAL.			
		Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
The State .....	14,921	\$172,185,567	.....	\$840,067,316	.....	\$1,012,242,883	.....	\$1,410,342,129	.....
Twenty Cities ....	1,000	6,860,992	100.0	38,764,792	100.0	45,625,784	100.0	72,696,216	100.0
Per cent of the State.....		4.0	.....	4.6	.....	4.5	.....	5.2	.....
Alton.....	62	466,062	6.8	5,422,845	14.0	5,888,927	12.9	8,696,814	12.0
Belleville .....	96	895,204	13.0	1,787,117	4.6	2,682,321	5.9	4,356,615	6.0
Cairo .....	57	322,379	4.7	2,837,643	7.3	3,160,022	6.9	4,381,465	6.0
Champaign .....	36	39,367	0.6	157,538	0.4	196,905	0.4	496,229	0.7
Danville .....	70	234,953	3.4	1,665,390	4.3	1,900,333	4.2	3,304,120	4.6
Evanston .....	33	189,063	2.8	1,582,553	4.1	1,771,616	3.9	2,550,529	3.5
Freeport .....	61	382,448	5.6	1,422,596	3.7	1,805,044	4.0	3,109,302	4.3
Galesburg .....	58	188,164	2.7	936,158	2.4	1,124,322	2.5	2,217,772	3.0
Jacksonville.....	55	158,914	2.3	1,102,358	2.8	1,261,302	2.7	1,981,583	2.7
Kankakee .....	49	259,248	3.8	1,025,706	2.6	1,284,954	2.8	2,069,143	2.9
Kewanee.....	19	317,636	4.6	3,639,978	9.4	3,957,614	8.7	6,729,381	9.3
LaSalle .....	24	129,098	1.9	1,878,218	4.9	2,007,316	4.4	3,158,173	4.3
Lincoln .....	39	63,629	0.9	374,572	1.0	438,201	0.9	784,248	1.1
Mattoon.....	34	39,185	0.6	522,371	1.3	561,556	1.2	1,308,781	1.8
Moline .....	62	1,584,175	23.1	6,894,858	17.8	8,479,033	18.6	13,158,429	18.1
Ottawa.....	54	218,623	3.2	772,536	2.0	991,159	2.1	2,078,129	2.9
Pekin .....	44	93,265	1.4	619,395	1.6	712,680	1.6	1,121,130	1.5
Rock Island.....	72	962,748	14.0	2,580,373	6.7	3,543,121	7.8	5,332,967	7.3
Streator .....	34	78,835	1.1	584,333	1.5	663,168	1.5	1,898,894	2.6
Waukegan.....	41	287,946	3.5	2,968,264	7.6	3,196,210	7.0	3,961,513	5.4

Table 15 shows the number of proprietors, salaried officials and salaries; the number of wage earners and the total wages paid.

The number of wage earners, 29,815, is 7.9 per cent of the total represented in all industries for the State, the amount of wages paid being the same proportion.

TABLE 15—*Twenty Cities—Population in 1900 at least 8,000, but under 20,000—Proprietors, Salaried Officials and Salaries—Wage Earners and Total Wages Paid, 1904.*

CITIES.	Establishments.	PROPRIETORS, SALARIED OFFICIALS AND SALARIES.					WAGE EARNERS AND WAGES.			
		Proprietors.	Salaried officials.	Per cent.	Salaries.	Per cent.	Number.	Per cent.	Wages paid.	Per cent.
Twenty Cities.....	1,000	990	2,880	100.0	\$3,150,088	100.0	29,815	100.0	\$16,454,904	100.0
Alton.....	62	37	240	8.3	\$220,154	7.0	3,069	10.3	\$1,727,858	10.5
Belleville.....	96	75	165	5.7	170,632	5.4	1,765	6.1	1,011,313	6.2
Cairo.....	57	64	150	5.2	152,627	4.8	1,435	4.8	652,698	4.0
Champaign.....	36	40	31	1.1	27,674	0.9	289	0.9	168,779	1.0
Danville.....	70	77	148	5.1	129,301	4.1	1,884	6.3	977,336	5.9
Evanston.....	33	36	102	3.5	75,994	2.4	738	2.5	393,652	2.3
Freeport.....	61	70	168	5.8	144,529	4.6	1,516	5.1	826,639	5.0
Galesburg.....	58	46	172	6.0	164,583	5.2	1,447	4.8	755,835	4.6
Jacksonville.....	55	70	108	3.7	114,830	3.7	899	3.0	458,167	2.8
Kankakee.....	49	47	120	4.2	119,998	3.8	1,038	3.5	511,500	3.1
Kewanee.....	19	16	267	9.3	306,075	9.7	3,676	12.3	1,996,455	12.1
LaSalle.....	24	22	79	2.8	138,908	4.4	1,197	4.0	685,387	4.2
Lincoln.....	39	53	42	1.5	26,488	0.8	236	0.8	124,733	0.8
Mattoon.....	34	32	58	2.0	59,934	1.9	1,022	3.4	598,834	3.6
Moline.....	62	45	442	15.4	629,513	20.0	3,987	13.4	2,363,016	14.4
Ottawa.....	54	56	83	2.9	123,165	3.9	1,127	3.8	617,857	3.7
Pekin.....	44	47	48	1.7	48,168	1.5	418	1.4	218,836	1.3
Rock Island.....	72	58	266	9.2	292,235	9.3	1,703	5.7	895,366	5.4
Streator.....	34	35	50	1.7	67,726	2.2	1,544	5.2	1,034,414	6.3
Waukegan.....	41	34	141	4.9	137,567	4.4	825	2.7	455,690	2.8



Table 16 is a division of the wage earners into classes, men and women 16 years of age and over and children under 16 years of age with the total amount of wages paid to each class.

TABLE 16—*Twenty Cities, Population in 1900 at least 8,000 but under 20,000, Classification of Wage Earners and Wages, with Per Cent in each Class, by Cities, 1904.*

CITIES.	CLASSIFIED WAGE EARNERS AND WAGES.											
	MEN 16 YEARS AND OVER.				WOMEN 16 YEARS AND OVER.				CHILDREN UNDER 16 YEARS.			
	Number.	Per cent.	Wages.	Per cent.	Number.	Per cent.	Wages.	Per cent.	Number.	Per cent.	Wages.	Per cent.
Twenty Cities.	27,699	100.0	\$15,939,551	100.0	1,690	100.0	\$436,625	100.0	426	100.0	\$78,728	100.0
Alton .....	2,896	10.3	1,691,144	10.6	120	7.1	22,520	5.2	83	19.5	14,194	18.0
Belleville .....	1,618	5.8	982,264	6.2	69	4.1	14,640	3.4	78	18.3	14,409	18.3
Cairo .....	1,415	5.1	646,181	4.1	18	1.1	5,958	1.4	2	0.5	549	0.7
Champaign ...	275	1.0	164,586	1.0	12	0.7	3,933	0.9	2	0.5	260	0.3
Danville .....	1,769	6.4	950,279	5.9	101	6.0	24,883	5.7	14	3.3	2,224	2.8
Evanston .....	721	2.6	377,710	2.4	15	0.9	5,592	1.3	2	0.5	350	0.5
Freeport .....	1,438	5.2	806,346	5.1	75	4.4	19,890	4.6	3	0.7	412	0.5
Galesburg ....	1,234	4.4	707,924	4.4	200	11.8	46,228	10.6	13	3.1	1,683	2.1
Jacksonville ..	685	2.5	402,356	2.5	208	12.3	54,910	12.6	6	1.4	901	1.2
Kankakee ....	935	3.4	486,348	3.1	91	5.4	22,466	5.1	12	2.8	2,686	3.4
Kewanee .....	3,319	12.0	1,888,026	11.8	351	20.8	97,299	22.3	6	1.4	1,130	1.4
LaSalle .....	1,146	4.1	671,302	4.2	30	1.8	9,130	2.1	21	4.9	4,955	6.3
Lincoln .....	224	0.8	121,582	0.8	11	0.6	2,991	0.7	1	0.2	160	0.2
Mattoon .....	966	3.5	584,408	3.7	54	3.2	14,090	3.2	2	0.5	336	0.4
Moline .....	3,901	14.1	2,338,089	14.7	71	4.2	21,030	4.8	15	3.5	3,897	5.0
Ottawa .....	1,022	3.7	595,812	3.7	67	4.0	18,040	4.1	38	8.9	4,005	5.2
Pekin .....	404	1.5	214,600	1.3	9	0.5	3,500	0.8	5	1.2	736	0.9
Rock Island...	1,605	5.8	870,526	5.5	89	5.3	22,849	5.2	9	2.1	1,991	2.5
Streator .....	1,417	5.1	1,007,833	6.3	17	1.0	4,181	0.9	110	25.8	22,900	29.1
Waukegan ....	739	2.7	432,235	2.7	82	4.8	22,505	5.1	4	0.9	950	1.2

### THIRTY-ONE CITIES HAVING A POPULATION IN 1900 OF 8,000 AND OVER.

The tables following present statistics for 31 cities, having a population in 1900 of 8,000 and over and is a combination of the showing given in the previous tables for the eleven and the twenty cities.

However, the subject matter is presented by classified ownership of the establishments, individual, firm and corporations.

#### INDIVIDUAL OWNERSHIP.

Tables 17a and 17b present the establishments operated by individuals. The first three lines at the head of each table give the totals for the State, with the totals and per cents for the 31 cities and for all other locations.

The 7,933 establishments represent 53.2 per cent of the total number in the State, but only 7.7 per cent of the total product. They employed 11.7 per cent of the wage earners and paid 11 per cent of the wages.

*Table 17a Summary—Thirty-one Cities—(Includes the Eleven and Twenty Cities)—8,000 Population in 1900 and over—Individual Ownership,—Establishments,—Capital,—Wage Earners and Wages —With Per Cent of the Total in each City. and the Total of the State, 1904.*

CITIES.	INDIVIDUAL OWNERSHIP.							
	ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
The state .....	7,933	100.0	\$54,568,185	100.0	44,563	100.0	\$22,996,433	100.0
Twenty-one cities .....	5,454	68.8	41,783,069	76.6	36,677	82.3	19,460,028	84.6
All other locations .....	2,479	31.2	12,785,116	23.4	7,886	17.7	3,536,405	15.4
Alton .....	27	43.5	304,961	7.6	139	4.5	79,702	4.6
Aurora .....	48	46.6	409,213	6.0	264	6.5	130,828	6.3
Belleville .....	55	57.3	217,650	7.1	192	10.9	93,204	9.2
Bloomington .....	36	44.4	321,195	9.6	202	8.9	111,603	9.1
Cairo .....	23	40.3	200,732	6.5	175	12.2	88,380	13.5
Champaign .....	21	58.3	152,233	26.2	92	31.8	48,014	28.4
Chicago .....	4,366	53.5	34,290,365	5.4	30,922	12.8	16,471,327	12.1
Danville .....	32	45.7	154,377	7.3	176	9.4	92,484	9.5
Decatur .....	52	44.8	312,961	6.4	271	11.6	122,565	10.9
East St. Louis .....	33	35.1	294,540	1.5	163	2.3	102,068	2.7

Table 17a—Concluded.

CITIES.	INDIVIDUAL OWNERSHIP.							
	ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
Elgin .....	29	38.2	\$ 149,039	1.3	171	3.5	\$ 87,526	3.2
Evanston .....	20	60.6	88,063	5.1	57	7.7	36,528	9.5
Freeport .....	27	44.3	304,705	8.7	213	14.1	101,676	12.3
Galesburg .....	18	31.0	54,418	3.5	47	3.2	21,577	2.8
Jacksonville .....	27	49.1	166,157	9.1	141	15.7	63,989	14.0
Joliet .....	51	48.1	362,633	2.4	423	6.9	257,365	6.6
Kankakee .....	20	40.8	147,892	8.5	109	10.5	58,822	11.5
Kewanee .....	7	36.8	19,831	0.4	25	0.7	14,143	0.7
LaSalle .....	16	66.7	69,088	3.4	78	6.5	37,884	5.5
Lincoln .....	17	43.6	98,450	17.9	62	26.3	36,038	28.9
Mattoon .....	18	52.9	78,393	11.5	96	9.4	41,860	7.0
Moline .....	29	46.8	226,170	0.9	166	4.2	87,636	3.7
Ottawa .....	27	50.0	294,853	11.8	206	18.3	105,270	17.0
Pekin .....	23	52.3	160,891	9.8	94	22.5	44,852	20.5
Peoria .....	127	47.9	710,197	3.2	589	9.8	324,263	9.8
Quincy .....	104	44.4	685,659	7.2	472	10.2	193,013	8.8
Rockford .....	54	30.0	424,952	3.0	320	4.4	172,826	4.8
Rock Island .....	37	51.4	226,582	3.1	154	9.1	77,552	8.7
Springfield .....	72	59.0	543,424	10.2	480	15.0	251,540	15.4
Streator .....	18	52.9	79,255	5.7	109	7.1	54,277	5.2
Waukegan .....	20	48.8	234,190	5.7	89	10.8	51,216	11.2

*Table 17b—Thirty-one Cities—(Includes the Eleven and Twenty Cities)—8,000 Population and Over—Individual Ownership—Establishments—Expenses and Value of Product—With Per cent of the Total 1904, in Each City, and the Total of the State.*

CITIES.	INDIVIDUAL OWNERSHIP.							
	ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
	Number.	Per cent.	Miscellan.	Per cent.	Material.	Per cent.	Amount.	Per cent.
The state .....	7,933	100.0	\$10,376,576	100.0	\$53,434,218	100.0	\$108,126,545	100.0
Thirty-one cities .....	5,454	68.8	9,212,526	88.8	44,262,401	82.8	90,270,714	83.5
All other locations .....	2,479	31.2	1,164,050	11.2	9,171,817	17.2	17,855,831	16.5
Alton .....	27	43.5	53,046	11.4	154,575	2.9	362,155	4.2
Aurora .....	48	46.6	31,819	4.8	313,221	8.8	649,560	8.9
Belleville .....	55	57.3	31,484	3.5	169,384	9.5	369,339	8.5
Bloomington .....	36	44.4	49,988	12.4	178,567	5.1	462,279	8.0
Cairo .....	23	40.3	21,016	6.5	114,137	4.0	292,094	6.7
Champaign .....	21	58.3	10,284	26.1	64,494	40.9	172,658	35.5
Chicago .....	4,366	53.5	8,109,676	8.4	38,598,739	6.5	77,917,191	8.1
Danville .....	32	45.7	21,521	9.2	143,174	8.6	317,749	9.6
Decatur .....	52	44.8	33,314	5.7	195,241	3.5	484,572	5.6
East St. Louis .....	33	35.1	47,667	2.5	322,466	1.1	563,885	1.5
Elgin .....	29	38.2	21,613	1.8	125,254	3.1	287,936	3.1
Evanston .....	20	60.6	46,368	24.5	106,650	6.7	276,537	10.9
Freeport .....	27	44.3	25,779	6.8	183,871	12.9	390,691	12.3
Galesburg .....	18	31.0	6,794	3.6	31,003	3.3	90,016	4.0
Jacksonville .....	27	49.1	26,995	17.0	140,926	12.8	289,513	14.6
Joliet .....	51	48.1	41,272	2.2	357,452	1.6	796,781	2.3
Kankakee .....	20	40.8	16,762	6.5	131,102	12.8	251,069	12.0
Kewanee .....	7	36.8	5,803	1.8	16,228	0.4	45,434	0.7
LaSalle .....	16	66.7	10,347	8.0	44,232	2.4	123,428	3.9
Lincoln .....	17	43.6	9,904	15.6	51,473	13.7	123,606	15.7
Mattoon .....	18	52.9	9,428	24.0	84,909	16.3	161,916	12.4
Moline .....	29	46.8	37,449	2.4	160,791	2.3	361,066	2.7
Ottawa .....	27	50.0	45,705	20.9	209,326	27.1	435,374	21.0
Pekin .....	23	52.3	14,278	15.3	116,031	18.7	211,267	18.8
Peoria .....	127	47.9	117,880	0.3	701,255	4.4	1,421,360	2.3
Quincy .....	104	44.4	200,740	13.7	516,719	10.0	1,150,727	10.7
Rockford .....	54	30.0	44,359	3.2	275,244	3.4	634,178	4.2

Table 17b—Concluded.

CITIES.	INDIVIDUAL OWNERSHIP.							
	ESTABLISH- MENTS.		EXPENSES.				VALUE OF PRO- DUCT.	
	Number.	Per cent.	Miscellan.	Per cent.	Material.	Per cent.	Amount.	Per cent.
Rock Island .....	37	51.4	35,105	3.7	144,277	5.6	332,095	6.2
Springfield .....	72	59.0	51,651	8.2	394,315	15.8	849,953	14.6
Streator .....	18	52.9	11,030	14.0	68,945	11.8	168,628	8.9
Waukegan .....	20	48.8	23,458	9.8	148,350	5.0	297,637	7.5

## FIRM OWNERSHIP.

Tables 18a and 18b present the establishments operated by firms. As in the preceding tables the first three lines at the head of these tables also show the totals for the State, the 31 cities and all other locations. These firms operate 17.9 per cent of the establishments of the State employing 10 per cent of the wage earners, paying 9.2 per cent of the wages and reported 8.5 per cent of the product.

TABLE 18A—Summary—Thirty-one Cities (Includes the Eleven and Twenty Cities), 8,000 Population and over, Firm Ownership, Establishments, Capital, Wage Earners and Wages, with Per Cent of the Total in each City and the Total of the State, 1904.

CITIES.	FIRM OWNERSHIP.							
	ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
The State ...	2,680	100.0	\$50,254,743	100.0	37,983	100.0	\$19,123,509	100.0
Thirty-one Cities .....	1,740	64.9	41,406,802	82.4	32,473	85.5	16,639,705	87.3
All other locations .....	940	35.1	8,848,441	17.6	5,510	14.5	2,433,804	12.7
Alton .....	5	8.1	163,205	4.1	130	4.2	52,370	3.0
Aurora .....	20	19.4	325,757	4.8	478	11.7	162,359	7.9
Belleville .....	10	10.4	90,962	2.9	54	3.0	23,958	2.4
Bloomington .....	16	19.8	379,013	11.3	93	4.1	59,614	4.8
Cairo .....	14	24.6	199,346	6.5	88	6.1	47,995	7.4

Table 18a—Concluded.

CITIES.	* FIRM OWNERSHIP.							
	ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
Champaign .....	9	25.0	\$ 32,744	5.7	37	12.8	\$ 22,726	13.5
Chicago .....	1,289	15.8	33,372,332	5.2	27,369	11.3	14,221,550	10.4
Danville .....	21	30.0	291,962	13.9	234	12.4	96,948	10.1
Decatur .....	18	16.5	98,890	1.8	129	5.5	53,537	4.8
East St. Louis .....	7	7.4	546,040	2.7	62	0.9	37,277	1.0
Elgin .....	20	20.3	446,780	4.1	377	7.7	199,128	7.4
Evanston .....	8	24.2	960,992	55.8	600	81.3	302,175	78.8
Freeport .....	18	29.5	336,736	9.7	114	7.5	58,274	7.0
Galesburg .....	14	24.2	74,452	4.7	97	6.7	41,232	5.5
Jacksonville .....	18	32.7	261,639	14.4	107	11.9	49,550	10.8
Joliet .....	17	16.0	391,955	2.5	262	4.2	108,328	2.8
Kankakee .....	12	24.5	82,595	4.7	56	5.4	29,311	5.7
Kewanee .....	4	21.1	89,500	1.8	36	1.0	22,000	1.1
LaSalle .....	3	12.5	8,300	0.4	23	1.9	14,030	2.1
Lincoln .....	16	41.0	224,293	40.7	90	38.1	47,831	38.3
Mattoon .....	6	17.7	76,471	11.2	23	2.2	12,056	2.0
Moline .....	8	12.9	55,633	0.2	31	0.8	17,789	0.8
Ottawa .....	13	24.1	127,000	5.1	183	16.2	109,302	17.7
Pekin .....	11	25.0	121,801	7.4	56	13.4	30,317	13.9
Peoria .....	45	17.0	849,908	3.8	565	9.4	251,824	7.6
Quincy .....	46	19.7	714,671	7.6	436	9.5	205,694	9.3
Rockford .....	26	14.4	383,225	2.7	255	3.5	138,545	3.8
Rock Island .....	11	15.3	192,016	2.7	89	5.2	62,497	7.0
Springfield .....	21	17.2	438,609	8.3	317	10.3	164,232	10.0
Streator .....	7	20.6	66,150	4.8	57	3.7	28,655	2.8
Waukegan .....	7	17.1	24,950	0.6	25	3.0	16,601	3.7

TABLE 18B—*Summary—Thirty-one Cities (Includes the Eleven and Twenty Cities), 8,000 Population and over, Firm Ownership, Establishments, Expenses and Value of Product, with Per Cent of the Total in each City and the Total of the State, 1904.*

CITIES.	FIRM OWNERSHIP.							
	ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
	Number.	Per cent.	Miscellaneous.	Per cent.	Material.	Per cent.	Amount.	Per cent.
The State .....	2,680	100.0	\$12,472,201	100.0	\$68,606,668	100.0	\$120,637,913	100.0
Thirty-one Cities .....	1,740	64.9	11,718,399	94.0	59,442,539	86.7	105,673,457	87.6
All other locations .....	940	35.1	753,802	6.0	9,164,129	13.3	14,964,456	12.4
Alton .....	5	8.1	6,843	1.5	110,954	2.0	204,000	2.3
Aurora .....	20	19.4	48,705	7.4	281,426	8.0	582,019	7.9
Belleville .....	10	10.4	5,759	0.7	35,562	2.8	94,652	2.2
Bloomington .....	16	19.8	52,021	12.9	109,020	3.1	317,000	5.5
Calro .....	14	24.6	9,378	2.9	219,264	7.7	336,367	7.7
Champaign .....	9	25.0	5,364	13.6	40,668	25.8	94,645	19.5
Chicago .....	1,289	15.8	10,655,138	11.1	52,865,946	9.0	93,117,816	9.7
Danville .....	21	30.0	66,777	28.4	476,130	28.6	745,292	22.6
Decatur .....	18	15.5	39,150	6.5	116,236	2.1	266,636	3.3
East St. Louis .....	7	7.4	27,753	1.5	316,056	1.0	475,589	1.3
Elgin .....	20	26.3	31,528	2.7	283,226	6.9	625,010	6.7
Evanston .....	8	24.2	113,869	60.2	1,396,522	88.3	2,056,617	80.6
Freeport .....	18	29.5	70,868	18.5	112,812	7.9	314,888	10.1
Galesburg .....	14	24.2	15,269	8.1	86,398	9.2	179,131	8.1
Jacksonville .....	18	32.7	18,125	11.4	78,364	7.1	216,735	10.9
Joliet .....	17	16.0	63,181	3.4	257,499	1.2	520,050	1.6
Kankakee .....	12	24.5	11,197	4.3	41,880	4.1	120,795	5.8
Kewanee .....	4	21.1	4,845	1.5	35,874	1.0	92,558	1.4
LaSalle .....	3	12.5	2,391	1.9	18,660	1.0	47,000	1.5
Lincoln .....	16	41.0	22,924	36.0	251,892	67.3	464,866	59.3
Mattoon .....	6	17.7	2,651	6.8	25,762	4.9	57,683	4.4
Moline .....	8	12.9	8,714	0.5	36,713	0.5	77,731	0.6
Ottawa .....	13	24.1	14,138	6.5	68,992	8.9	239,330	13.9
Pekin .....	11	25.0	4,886	5.2	48,616	7.9	127,316	11.4
Peoria .....	45	17.0	107,817	0.3	950,799	5.9	1,616,541	2.7
Quincy .....	46	19.7	59,659	4.1	669,961	12.9	1,107,370	10.3
Rockford .....	26	14.4	54,233	3.8	201,132	2.5	493,441	3.2

Table 18b—Concluded.

CITIES.	FIRM OWNERSHIP.							
	ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
	Number.	Per cent.	Miscellaneous.	Per cent.	Material.	Per cent.	Amount.	Per cent.
Rock Island .....	11	15.3	\$101,304	10.5	\$ 70,679	2.7	\$291,327	5.5
Springfield .....	21	17.2	82,282	13.1	187,237	7.5	543,255	9.4
Streator .....	7	20.6	10,319	13.1	32,895	5.6	131,397	7.0
Waukegan .....	7	17.1	2,811	1.2	15,294	0.5	46,350	1.2

## CORPORATION OWNERSHIP.

Tables 19a and 19b show the operations of the establishments owned and controlled by corporations. These in the 31 cities, comprise 80.3 per cent of the total number of this class of ownership in the State. However, they only operate 27.8 per cent of all establishments reported, but represent 89.2 per cent of the total capital, and put on the market 83.6 per cent of the total product of all establishments of the State. They also give employment to 78.2 per cent of the total number of wage earners, and paid to these 79.7 per cent of the total wages. Of all the incorporated companies in the State, Chicago, the second manufacturing city in the United States, controlled 30.3 per cent of the establishments, and 89.3 per cent of the capital gave employment to 75.9 per cent of the wage earners and paid 77.5 per cent of the wages. Their miscellaneous expenses was 80.4 per cent, and they consumed 84.5 per cent of the material used, while their product represented 82.1 per cent of the total value. In other cities the value of the products reported by corporations therein as over 90 per cent, of the totals, was for Alton 93.5 per cent; Decatur 91.1 per cent; East St. Louis 97.2 per cent; Elgin 90.2 per cent; Joliet 96.1 per cent; Kewanee 97.9 per cent; LaSalle 94.6 per cent; Moline 96.7 per cent; Peoria 95.0 per cent; Rockford 92.6 per cent; Waukegan 91.3 per cent.



In seven cities the number of wage earners and wages paid, of the totals for such cities, were over 90 per cent as follows, respectively: Alton 91.3 and 92.4; East St. Louis 96.8 and 96.3; Galesburg 90.1 and 91.7; Kewanee 98.3 and 98.2; LaSalle 91.6 and 92.4; Moline 95.0 and 95.5; Rockford 92.1 and 91.4.

TABLE 19a—*Thirty-one Cities (includes the Eleven and Twenty Cities) 8,000 Population and Over—Corporation Ownership Establishments; Capital; Wage Earners and Wages, with Per Cent of Total in Each City, and of the Total of the State, 1904.*

CITIES.	INCORPORATED COMPANY OWNERSHIP.							
	ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
The State .....	4,145	100.0	\$870,167,599	100.0	296,610	100.0	\$166,125,367	100.0
Thirty-one cities .....	3,312	80.3	739,360,830	85.0	250,249	84.4	142,177,867	85.6
All other locations .....	833	19.7	130,801,769	15.0	46,361	15.6	23,947,500	14.4
Alton .....	30	48.4	3,533,944	88.3	2,800	91.3	1,595,786	92.4
Aurora .....	35	34.0	6,065,298	89.2	3,336	81.8	1,744,914	85.8
Belleville .....	31	32.3	2,775,154	90.0	1,519	96.1	894,151	88.4
Bloomington .....	29	35.8	2,646,410	79.1	1,980	87.0	1,057,190	86.1
Cairo .....	20	85.1	2,696,217	87.0	1,172	81.7	516,313	79.1
Champaign .....	6	16.7	395,350	68.1	160	55.4	99,039	58.1
*Chicago .....	2,474	30.3	569,714,631	89.3	183,606	75.9	105,664,558	77.5
Danville .....	17	24.3	1,655,723	78.8	1,474	78.2	785,954	88.4
Decatur .....	46	39.7	4,472,423	91.8	1,940	82.9	949,180	84.3
East St. Louis .....	54	57.5	19,063,586	95.8	6,787	96.8	3,579,641	96.3
Elgin .....	27	35.5	10,383,767	94.6	4,337	88.8	2,425,906	89.4
Evanston .....	5	15.2	673,921	39.1	81	11.0	44,949	11.7
Freeport .....	16	26.2	2,848,861	81.6	1,189	78.4	666,688	80.7
Galesburg .....	26	44.8	1,436,728	91.8	1,303	90.1	693,026	91.7
Jacksonville .....	10	18.2	1,388,775	76.5	651	72.4	344,628	75.2
Joliet .....	38	35.9	14,611,749	95.1	5,502	88.9	3,536,575	90.6
Kankakee .....	17	34.7	1,515,363	86.8	873	84.1	423,367	82.8
Kewanee .....	8	42.1	4,918,320	97.8	3,615	98.3	1,950,312	98.2
LaSalle .....	5	20.8	1,975,771	96.2	1,096	91.6	633,473	92.4
Lincoln .....	6	15.4	228,072	41.4	84	35.6	40,864	32.8
Mattoon .....	10	29.4	528,113	77.3	903	88.4	544,918	91.0
Moline .....	25	40.3	24,122,853	98.9	3,790	95.0	2,257,591	95.5

Table 19a—Concluded.

CITIES.	INCORPORATED COMPANY OWNERSHIP.							
	ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
Ottawa .....	14	25.9	\$ 2,066,755	88.1	738	65.5	\$ 403,285	65.3
Pekin .....	10	22.7	1,362,320	82.8	268	64.1	143,667	65.6
Peoria .....	93	35.1	20,683,721	93.0	4,844	90.8	2,730,806	82.6
Quincy .....	84	35.9	8,069,614	85.2	3,694	90.3	1,807,063	81.9
Rockford .....	100	55.6	13,350,324	94.3	6,864	92.1	3,297,013	91.4
Rock Island .....	24	33.3	6,784,868	94.2	1,460	85.7	755,317	84.3
Springfield .....	29	23.8	4,232,064	81.4	2,294	74.7	1,222,838	74.6
Streator .....	9	26.5	1,233,438	89.5	1,378	89.2	951,982	92.1
Waukegan .....	14	34.1	3,881,692	98.7	711	86.2	387,873	85.1
*Not including miscellaneous.....	30	0.4	366,146	0.1	87	(a)	47,261	(a)

(a) Less than one-tenth of 1 per cent.

TABLE 19b—Summary—Thirty-one Cities (includes the Eleven and Twenty Cities) 8,000 Population and Over—Corporation Ownership Establishments; Expenses and Value of Product with Per Cent of the Total in Each City, and the Total of the State, 1904.

CITIES.	INCORPORATED COMPANY OWNERSHIP.							
	ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
	Number.	Per cent.	Miscellaneous.	Per cent.	Material.	Per cent.	Amount.	Per cent.
The State .....	4,145	100.0	\$149,091,561	100.0	\$716,158,186	100.0	\$1,179,028,840	100.0
Thirty-one cities .....	3,312	80.3	130,087,985	87.3	625,295,686	87.3	1,026,658,927	87.1
All other locations .....	833	19.7	19,003,576	12.7	90,862,500	12.7	152,369,913	12.9
Alton .....	30	48.4	406,193	87.1	5,157,316	95.1	8,130,659	93.5
Aurora .....	35	34.0	597,922	87.8	2,943,522	83.2	6,067,449	83.2
Belleville .....	31	32.3	857,961	95.8	1,582,171	88.5	3,892,624	89.3
Bloomington .....	28	35.8	300,406	74.7	3,204,197	91.8	4,997,781	86.5
Cairo .....	20	35.1	291,985	90.6	2,504,242	88.3	3,753,004	85.6
Champaign .....	6	16.7	23,719	60.3	52,376	33.3	218,926	45.0

Table 19b—Concluded.

CITIES.	INCORPORATED COMPANY OWNERSHIP.							
	ESTABLISH- MENTS.		EXPENSES.				VALUE OF PRODUCT.	
	Number.	Per cent.	Miscel- laneous.	Per cent.	Material.	Per cent.	Amount.	Per cent.
*Chicago.....	2,474	30.3	\$77,446,578	80.4	498,331,982	84.5	\$783,633,912	82.1
Danville.....	17	24.3	146,655	62.4	1,046,076	62.8	2,241,079	67.8
Decatur.....	46	39.7	515,540	87.8	5,281,828	94.4	7,896,094	91.1
East St. Louis.....	54	57.5	1,794,840	96.0	29,587,118	97.9	36,546,724	97.2
Elgin.....	27	35.5	1,133,493	95.5	3,681,779	90.0	8,436,328	90.2
Evanston.....	5	15.2	28,826	15.3	79,381	5.0	217,375	8.5
Freeport.....	16	26.2	235,801	74.7	1,125,913	79.2	2,413,723	77.6
Galesburg.....	26	44.8	166,101	88.3	818,757	87.5	1,948,625	87.9
Jacksonville.....	10	18.2	113,824	71.6	883,068	80.1	1,475,334	74.5
Joliet.....	38	35.9	1,756,649	94.4	21,090,541	97.2	32,481,969	96.1
Kankakee.....	17	34.7	231,289	89.2	852,724	83.1	1,717,279	82.2
Kewanee.....	8	42.1	306,988	96.7	3,587,876	98.6	6,591,389	97.9
LaSalle.....	5	20.8	116,360	90.1	1,815,276	96.6	2,987,745	94.6
Lincoln.....	6	15.4	30,801	48.4	71,207	19.0	196,776	25.0
Mattoon.....	10	29.4	27,106	69.2	411,700	78.8	1,089,182	83.2
Moline.....	25	40.3	1,538,012	97.1	6,697,354	97.2	12,719,612	96.7
Ottawa.....	14	25.9	159,780	72.6	494,218	64.0	1,353,375	65.1
Pekin.....	10	22.7	74,101	79.5	454,748	73.4	782,547	69.8
Peoria.....	93	35.1	37,649,675	99.4	14,398,610	89.7	57,882,510	92.6
Quincy.....	84	35.9	1,201,176	82.2	4,000,802	77.1	8,490,127	79.0
Rockford.....	100	55.6	1,816,232	93.0	7,589,625	94.1	14,148,510	95.0
Rock Island.....	24	33.3	826,339	85.8	2,365,417	91.7	4,709,545	88.3
Springfield.....	29	23.8	493,670	78.7	1,906,749	76.7	4,403,429	76.0
Streator.....	9	26.5	57,486	72.9	482,493	82.6	1,588,969	84.1
Waukegan.....	14	34.1	211,677	89.0	2,794,620	94.5	3,617,536	91.3
*Not includ'g miscellaneous	30	0.4	86,639	0.1	117,326	(a)	367,358	(a)

(a) Less than one-tenth of 1 per cent.

Table 20 is a condensed summary of the three classes of establishment ownership shown in the previous tables, for the State and the thirty-one cities.

The first line at the head of this table gives the totals of the leading items for the State; the second line the totals for the thirty-one cities, while the third line gives the per cent that each total, of the thirty-one cities, bears to the State.

TABLE 20—*Summary Thirty-one Cities, Includes the Eleven and Twenty Cities—8000 Population and Over—Summary of All Establishments; Capital, Wage Earners and Wages; Expenses and Value of Product—1904.*

CITIES.	INDIVIDUAL, FIRM AND INCORPORATED COMPANY OWNERSHIP.						
	Establishments.	Capital.	WAGE EARNERS AND WAGES.		EXPENSES.		Value of Products.
			Number.	Wages.	Miscellaneous.	Material.	
The State.....	14,921	\$975,844,799	379,436	\$208,405,468	\$172,185,567	\$340,057,316	\$1,410,342,129
31 cities.....	10,536	\$22,916,347	319,495	178,374,861	151,105,549	729,117,952	1,222,970,456
Per cent of State.....	70.6	84.3	84.2	85.6	87.8	86.8	86.7
Alton.....	62	4,002,110	3,069	1,727,858	466,082	5,422,845	8,696,814
Aurora.....	103	6,800,268	4,078	2,068,101	660,437	3,538,169	7,329,028
Belleville.....	96	3,063,666	1,765	1,011,313	895,204	1,787,117	4,356,615
Bloomington.....	81	3,346,618	2,275	1,228,407	402,415	3,491,784	5,777,060
Cairo.....	57	3,066,295	1,435	652,688	322,379	2,897,643	4,381,465
Champaign.....	36	580,327	289	168,779	39,397	157,538	486,229
Chicago*.....	8,159	637,743,474	241,987	136,404,696	96,298,031	589,913,993	955,036,277
Danville.....	70	2,102,062	1,884	977,396	234,958	1,665,890	3,304,120
Decatur.....	116	4,873,764	2,340	1,125,282	587,004	5,593,355	8,667,302
East St. Louis.....	94	19,909,166	7,021	3,718,986	1,870,060	30,225,640	37,586,198
Elgin.....	76	10,979,586	4,885	2,712,560	1,186,634	4,090,259	9,349,274
Evanston.....	33	1,722,976	738	383,652	189,063	1,582,553	2,550,529
Freeport.....	61	3,490,302	1,516	826,638	382,448	1,422,596	3,109,302
Galesburg.....	58	1,565,598	1,447	755,835	188,164	936,158	2,217,772
Jacksonville.....	55	1,816,571	899	458,167	158,944	1,102,358	1,981,582
Joliet.....	106	15,356,337	6,187	3,902,268	1,861,102	21,705,492	33,788,700
Kankakee.....	49	1,745,850	1,038	511,500	259,248	1,025,706	2,069,143
Kewanee.....	19	5,026,651	3,676	1,986,455	317,636	3,639,978	6,729,381
SaSalle.....	24	2,053,159	1,197	685,387	129,098	1,878,218	3,158,173
Lincoln.....	39	550,805	236	124,733	63,629	374,572	784,248
Mattoon.....	34	682,977	1,022	598,834	39,185	522,371	1,308,781

Table 20—Concluded.

CITIES.	INDIVIDUAL, FIRM AND INCORPORATED COMPANY OWNERSHIP.						
	Establishments.	Capital.	WAGE EARNERS AND WAGES.		EXPENSES.		Value of Products.
			Number.	Wages.	Miscellaneous.	Material.	
Moline.....	62	24,404,656	3,987	2,363,016	1,584,175	6,894,858	13,158,429
Ottawa.....	54	2,489,609	1,127	617,857	219,623	772,536	2,078,129
Pekin.....	44	1,645,012	418	217,836	93,265	619,395	1,121,180
Peoria.....	265	22,243,821	5,996	3,306,893	37,874,972	16,050,664	80,920,411
Quincy.....	234	9,469,944	4,802	2,205,770	1,461,575	5,187,502	10,748,224
Rockford.....	180	14,158,501	7,239	3,608,384	1,414,824	8,066,001	15,276,129
Rock Island.....	72	7,208,456	1,703	895,368	962,748	2,580,373	5,332,967
Springfield.....	122	5,264,117	3,071	1,638,610	627,603	2,490,301	5,796,637
Streator.....	34	1,878,888	1,544	1,034,914	78,835	584,333	1,888,894
Waukegan.....	41	4,140,832	825	455,680	237,946	2,968,264	3,961,513
Miscellaneous.....	30	366,146	87	47,261	86,639	117,326	367,358

## GROWTH OF MANUFACTURES IN CITIES.

Tables 21a and 21b present the increase and magnitude of manufacturers in the State also in the 31 cities having a population in 1900 of 8,000 and over.

The showing at the head of each of these tables presents the total and percentages for the State for all of the items for the two years, 1900 and 1904 followed by the totals and percentages for the different groupings of the cities as shown in previous tables.

These are followed by the same showing in detail for each of the 31 cities.

In these 31 cities the number of establishments in 1900 was 68.9 per cent of the total number, and in 1904, 70.6 per cent, with these exceptions, each of the items in the totals for both years exceeded 80 per cent of the totals for the State.

These cities increased 634 or 6.4 per cent in the number of establishments; eleven cities show a decrease while all of the others show an increase from 5.1 per cent in Alton to 54.1 in East St. Louis.

Of the total number of establishments in the State in 1904, 8,159 or 54.7 per cent were located in Chicago; these reported 65.4 per cent of the capital, 63.8 per cent of the wage earners and paid 65.5 per cent of the wages, also produced 67.7 per cent of the value of the products.

TABLE 21A—*Thirty-one Cities (Includes the Eleven and Twenty Cities), 8,000 Population and over—Comparative Summary for the Years 1904 and 1900, with the Per Cent of Increase in 1904, and the Per Cent each City bears to the Totals of the Thirty-one Cities; also the same for each Group of Cities, with the Totals for the State.*

CITIES.	Years.	ESTABLISHMENTS		CAPITAL.		WAGE EARNERS.			
		Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
The State.....	1904	14,321	100.0	\$975,844,799	100.0	379,436	100.0	\$208,405,468	100.0
	1900	14,374	100.0	732,829,771	100.0	332,871	100.0	159,104,179	100.0
	Per cent of increase.....	3.8		33.2		14.0		31.0	
Thirty-one cities.....	1904	10,536	70.6	\$322,916,347	84.3	319,496	84.2	\$178,374,861	85.6
	1900	9,902	68.9	644,579,342	88.0	285,863	85.9	138,984,037	87.4
	Per cent of increase.....	6.4		27.7		11.8		28.3	
Twenty cities.....	1904	1,000	6.7	\$72,770,751	7.5	29,815	7.9	\$16,454,904	7.9
	1900	931	6.5	41,715,689	5.7	23,964	7.2	11,121,508	7.0
	Per cent of increase.....	7.4		74.4		24.4		48.0	
Eleven cities.....	1904	9,536	63.9	\$750,145,596	76.8	289,671	76.3	\$161,919,957	77.7
	1900	8,971	62.4	602,863,653	82.3	261,899	78.7	127,862,529	80.4
	Per cent of increase.....	6.3		24.4		10.6		26.6	
All other localities.....	1904	4,385	29.4	\$152,928,452	15.7	59,950	15.8	\$30,030,607	14.4
	1900	4,472	31.1	88,250,429	12.0	47,008	14.1	20,120,142	12.6
	Per cent of increase.....	*1.9		73.3		27.5		49.3	
Alton.....	1904	62	0.59	\$4,002,110	0.49	3,069	0.96	\$1,727,858	0.97
	1900	59	0.60	2,773,170	0.43	2,174	0.76	1,037,479	0.75
	Per cent of increase.....	5.1		44.3		41.2		66.5	
Aurora.....	1904	103	0.98	\$6,900,268	0.83	4,078	1.28	\$2,068,101	1.16
	1900	97	0.98	4,666,312	0.73	3,949	1.38	1,614,618	1.16
	Per cent of increase.....	6.2		45.7		3.3		28.1	
Belleville.....	1904	96	0.91	\$3,083,666	0.37	1,765	0.55	\$1,011,313	0.57
	1900	89	0.90	\$2,314,064	0.36	1,335	0.47	619,974	0.45
	Per cent of increase.....	7.9		33.3		32.2		63.1	

Table 21a—Continued.

CITIES.	Years.	ESTABLISHMENTS		CAPITAL.		WAGE EARNERS.			
		Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
Bloomington.....	1904	81	0.77	\$3,346,618	0.41	2,275	0.71	\$1,228,407	0.63
	1900	68	0.69	2,134,954	0.33	1,671	0.59	796,814	0.57
	Per cent of increase.....	19.1		56.8		36.1		54.2	
Cairo.....	1904	57	0.54	\$3,086,295	0.38	1,435	0.45	\$652,688	0.37
	1900	53	0.54	1,936,177	0.30	1,501	0.53	548,326	0.30
	Per cent of increase.....	7.5		59.4		*4.4		19.0	
Champaign.....	1904	36	0.34	\$590,327	0.07	289	0.09	\$168,779	0.09
	1900	33	0.33	378,531	0.06	245	0.09	117,688	0.09
	Per cent of increase.....	9.1		53.3		18.0		43.4	
Chicago.....	1904	81,59	77.44	\$637,743,474	77.50	241,984	75.74	\$136,404,696	76.47
	1900	7,668	77.44	511,249,431	79.32	221,191	77.38	108,727,154	78.23
	Per cent of increase.....	6.4		24.7		9.4		25.5	
Danville.....	1904	70	0.66	\$2,102,062	0.26	1,884	0.59	\$977,386	0.55
	1900	72	0.73	1,413,057	0.22	957	0.34	458,471	0.33
	Per cent of increase.....	*2.8		48.8		96.9		113.2	
Decatur.....	1904	116	1.10	\$4,873,764	0.59	2,340	0.70	\$1,125,292	0.63
	1900	108	1.09	3,295,528	0.51	1,920	0.67	829,606	0.60
	Per cent of increase.....	7.4		47.9		21.9		35.6	
East St. Louis.....	1904	94	0.89	\$19,909,166	2.42	7,012	2.19	\$3,718,966	2.09
	1900	61	0.62	7,940,954	1.23	5,139	1.80	2,364,112	1.70
	Per cent of increase.....	54.1		150.7		36.4		57.3	
Elgin.....	1904	76	0.72	\$10,979,586	1.33	4,885	1.53	\$2,712,560	1.52
	1900	80	0.81	8,382,597	1.30	4,376	1.53	2,073,796	1.49
	Per cent of increase.....	*5.0		31.0		11.6		30.8	
Evanston.....	1904	33	0.31	\$1,722,976	0.21	738	0.23	\$383,652	0.22
	1900	27	0.27	1,280,404	0.20	400	0.14	191,917	0.14
	Per cent of increase.....	22.2		33.5		84.5		99.9	
Freeport.....	1904	61	0.58	\$3,490,302	0.42	1,516	0.48	\$826,638	0.25
	1900	51	0.52	2,010,448	0.31	1,333	0.47	694,855	0.50
	Per cent of increase.....	19.6		73.6		13.7		19.0	

Table 21a—Continued.

CITIES.	Years.	ESTABLISHMENTS		CAPITAL		WAGE EARNERS.			
		Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Wages.	Per cent.
Galesburg .....	1904	58	0.55	\$1,565,598	0.19	1,447	0.45	\$755,935	0.43
	1900	39	0.39	1,234,698	0.20	1,070	0.37	530,938	0.38
	Per cent of increase.....	48.7		21.9		35.2		45.1	
Jacksonville.....	1904	55	0.52	\$1,816,571	0.22	999	0.28	\$458,167	0.26
	1900	55	0.56	1,295,758	0.20	1,066	0.37	432,969	0.31
	Per cent of increase.....			40.2		15.7		5.8	
Joliet .....	1904	106	1.02	\$15,356,337	1.87	6,187	1.94	\$3,902,268	2.19
	1900	135	1.36	15,040,445	2.33	5,792	2.03	3,548,330	2.55
	Per cent of increase.....	*21.5		2.1		6.8		10.0	
Kankakee.....	1904	49	0.47	\$1,745,850	0.21	1,038	0.33	\$511,500	0.29
	1900	36	0.36	604,236	0.09	377	0.13	162,349	0.12
	Per cent of increase.....	36.1		188.9		175.3		215.1	
Kewanee.....	1904	19	0.18	\$5,026,651	0.61	3,676	1.15	\$1,986,455	1.12
	1900	25	0.25	2,123,013	0.33	2,543	0.89	985,887	0.71
	Per cent of increase.....	*24.0		136.8		44.6		101.5	
LaSalle .....	1904	24	0.23	\$2,053,159	0.25	1,197	0.38	\$685,387	0.39
	1900	26	0.26	2,020,315	0.31	917	0.32	447,365	0.32
	Per cent of increase.....	*7.7		1.6		30.5		53.2	
Lincoln .....	1904	39	0.37	\$550,805	0.07	236	0.07	\$124,733	0.07
	1900	36	0.36	398,037	0.06	188	0.07	81,928	0.06
	Per cent of increase.....	8.3		38.4		25.5		52.2	
Mattoon.....	1904	34	0.32	\$632,977	0.08	1,022	0.33	\$596,634	0.34
	1900	39	0.39	449,177	0.07	632	0.22	297,162	0.21
	Per cent of increase.....	*12.8		52.1		61.7		101.5	
Moline .....	1904	62	0.59	\$24,404,656	2.97	3,967	1.25	\$2,363,016	1.33
	1900	55	0.56	10,994,119	1.71	4,138	1.45	2,116,306	1.52
	Per cent of increase.....	12.7		122.0		*8.6		11.7	
Ottawa.....	1904	54	0.51	\$2,488,608	0.30	1,127	0.35	\$617,857	0.35
	1900	57	0.58	2,652,238	0.41	1,020	0.36	454,782	0.33
	Per cent of increase.....	*5.3		*6.2		10.5		35.9	



Table 21a—Concluded.

CITIES.	Year.	ESTABLISHMENTS		CAPITAL.		WAGE EARNERS.			
		Number.	Per cent.	Amount.	Per cent.	Number	Per cent.	Wages.	Per cent.
Pekin .....	1904	44	0.42	\$1,645,012	0.20	418	0.14	\$218,836	0.12
	1900	39	0.39	1,307,989	0.20	405	0.14	208,509	0.15
	Per cent of increase.....	12.8		25.8		3.2		5.0	
Peoria .....	1904	265	2.52	\$22,243,821	2.70	5,998	1.88	\$3,306,893	1.86
	1900	291	2.94	26,638,370	4.13	5,996	2.10	2,872,353	2.07
	Per cent of increase.....	*8.9		*16.5		†		15.1	
Quincy .....	1904	234	2.22	\$9,469,944	1.15	4,602	1.44	\$2,205,770	1.24
	1900	198	2.00	6,442,811	1.00	3,815	1.34	1,601,534	1.15
	Per cent of increase.....	18.2		47.0		20.6		37.7	
Rockford .....	1904	180	1.71	\$14,158,501	1.72	7,239	2.27	\$3,608,384	2.02
	1900	159	1.61	13,613,301	2.11	5,861	2.01	2,396,969	1.72
	Per cent of increase.....	13.2		4.0		23.7		50.5	
Rock Island .....	1904	72	0.68	\$7,203,456	0.87	1,703	0.54	\$395,366	0.50
	1900	66	0.66	4,761,784	0.74	1,885	0.66	961,951	0.69
	Per cent of increase.....	9.1		51.3		*9.7		*6.9	
Springfield .....	1904	122	1.16	\$5,264,117	0.64	3,071	0.96	\$1,638,610	0.92
	1900	106	1.07	3,458,950	0.54	2,199	0.77	1,037,233	0.75
	Per cent of increase.....	15.1		52.2		39.7		58.0	
Streator .....	1904	34	0.32	\$1,378,838	0.17	1,544	0.48	\$1,034,914	0.58
	1900	42	0.42	937,143	0.15	1,283	0.45	602,032	0.43
	Per cent of increase.....	*19.0		47.1		20.3		71.9	
Waukegan .....	1904	41	0.38	\$4,140,832	0.50	825	0.26	\$455,690	0.26
	1900	32	0.32	771,281	0.12	495	0.17	180,718	0.13
	Per cent of increase.....	28.1		436.9		66.7		152.2	

\* Decrease.

† Less than one-tenth of 1 per cent.

TABLE 21B—Thirty-one Cities (Includes the Eleven and Twenty Cities), 8,000 Population and over—Comparative Summary for the Years 1904 and 1900, with the Per Cent of Increase in 1904, and the Per Cent each City bears to the Totals of the Thirty-one Cities; also the same for each Group of Cities, with the Totals for the State.

CITIES.	Years.	ESTABLISHMENTS		MISCELLANEOUS EXPENSES.		COST OF MATERIAL USED.		VALUE OF PRODUCTS, INCLUDING CUSTOM WORK AND REPAIRING.	
		Number.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
The State.....	1904	14,921	100.0	\$172,185,587	100.0	\$840,059,316	100.0	\$1,410,342,129	100.0
	1900	14,374	100.0	118,047,771	100.0	681,450,122	100.0	1,120,988,308	100.0
	Per cent of increase	3.8		45.9		23.3		25.8	
Thirty-one cities.....	1904	10,536	70.6	\$151,105,549	87.8	\$729,117,952	86.8	\$1,222,970,456	86.7
	1900	9,902	68.9	103,443,355	87.6	607,230,318	89.1	990,707,594	88.4
	Per cent of increase	6.4		46.1		20.1		23.4	
Twenty cities.....	1904	9,000	6.7	\$8,880,992	4.0	\$38,764,792	4.6	\$72,685,216	5.1
	1900	931	6.5	3,144,055	2.7	24,914,731	3.7	47,069,187	4.2
	Per cent of increase	7.4		118.2		15.5		54.4	
Eleven cities.....	1904	9,536	63.9	\$144,244,557	83.8	\$690,353,160	82.2	\$1,150,275,240	81.6
	1900	8,971	62.4	100,299,300	84.9	582,315,587	85.4	943,618,427	84.2
	Per cent of increase	6.3		43.8				21.9	
All other localities....	1904	4,385	29.4	\$21,080,018	12.2	\$110,939,364	13.2	\$187,371,673	13.3
	1900	4,472	31.1	14,604,416	12.4	74,219,804	10.9	130,160,714	11.6
	Per cent of increase	*1.9		44.3		49.5		44.0	
Alton.....	1904	62	0.59	\$466,082	0.31	\$5,422,345	0.74	\$8,696,814	0.71
	1900	59	0.60	233,294	0.23	2,472,440	0.41	4,250,389	0.43
	Per cent of increase	5.1		99.8		119.3		104.6	
Aurora.....	1904	103	0.98	\$660,437	0.44	\$3,538,169	0.49	\$7,329,028	0.60
	1900	97	0.98	425,154	0.41	2,591,932	0.41	5,638,191	0.57
	Per cent of increase	6.2		55.3		36.5		30.0	
Belleville.....	1904	96	0.91	\$395,204	0.59	\$1,787,117	0.24	4,356,615	0.36
	1900	89	0.90	759,155	0.73	935,043	0.15	2,873,334	0.29
	Per cent of increase	7.9		17.9		91.1		51.6	

Table 21b—Continued.

CITIES.	Years.	ESTABLISHMENTS		MISCELLANEOUS EXPENSES.		COST OF MATERIAL USED.		VALUE OF PRODUCTS, INCLUDING CUSTOM WORK AND REPAIRING.	
		Number.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
Bloomington .....	1904	81	0.77	\$402,415	0.27	\$3,491,784	0.48	\$5,777,060	0.47
	1900	68	0.69	136,887	0.13	1,594,519	0.26	3,011,899	0.30
Per cent of increase .....		19.1		194.0		119.0		91.8	
Cairo .....	1904	57	0.54	\$322,379	0.21	\$2,887,643	0.39	\$4,381,465	0.36
	1900	53	0.54	208,018	0.20	1,900,179	0.31	3,116,515	0.31
Per cent of increase .....		7.5		55.0		49.3		40.6	
Champaign .....	1904	36	0.34	\$39,367	0.08	\$157,538	0.02	\$486,229	0.04
	1900	33	0.33	16,621	0.02	132,145	0.02	353,990	0.04
Per cent of increase .....		9.1		136.9		19.2		37.4	
Chicago .....	1904	8,159	77.44	\$96,298,031	63.73	\$589,913,993	80.91	\$955,086,277	78.09
	1900	7,668	77.44	70,445,692	68.10	502,222,401	82.71	797,879,141	80.54
Per cent of increase .....		6.4		36.7		17.5		19.7	
Danville .....	1904	70	0.66	\$234,953	0.16	\$1,665,380	0.23	\$3,304,120	0.27
	1900	72	0.73	66,859	0.06	1,047,310	0.17	1,913,762	0.19
Per cent of increase .....		*2.8		251.4		59.0		72.7	
Décatur .....	1904	110	1.10	\$587,004	0.38	\$5,593,355	0.77	\$9,667,302	0.71
	1900	108	1.09	196,554	0.18	3,358,620	0.55	5,133,677	0.52
Per cent of increase .....		7.4		214.7		66.5		68.8	
East St. Louis .....	1904	94	0.89	\$1,870,060	1.24	\$30,225,640	4.15	\$37,596,196	3.07
	1900	61	0.62	535,797	0.52	27,791,704	4.58	32,460,957	3.28
Per cent of increase .....		54.1		249.0		8.8		15.8	
Elgin .....	1904	76	0.72	\$1,196,634	0.79	\$4,080,259	0.56	\$9,349,274	0.77
	1900	80	0.81	424,066	0.41	2,614,384	0.43	6,386,343	0.64
Per cent of increase .....		*5.0		179.8		56.5		46.4	
Evanston .....	1904	33	0.31	\$189,063	0.13	\$1,582,553	0.22	\$2,550,529	0.21
	1900	27	0.27	52,035	0.05	361,742	0.06	830,020	0.08
Per cent of increase .....		22.2		263.3		337.5		207.3	
Freeport .....	1904	61	0.58	\$382,448	0.25	\$1,422,596	0.19	\$3,109,302	0.26
	1900	51	0.52	245,252	0.24	1,313,598	0.22	2,707,915	0.27
Per cent of increase .....		19.6		55.9		8.3		14.8	

Table 21b—Continued.

CITIES.	Years.	ESTABLISHMENTS		MISCELLANEOUS EXPENSES.		COST OF MATERIAL USED.		VALUE OF PRODUCTS, INCLUDING CUSTOM WORK AND REPAIRING.	
		Number.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
Galesburg .....	1904	58	0.55	\$188,164	0.12	\$936,158	0.13	\$2,217,772	0.18
	1900	39	0.39	61,742	0.06	620,019	0.10	1,450,092	0.15
Per cent of increase .....		48.7		204.8		51.0		52.9	
Jacksonville .....	1904	55	0.52	\$158,944	0.11	\$1,102,358	0.15	\$1,961,582	0.16
	1900	55	0.56	99,096	0.10	849,931	0.14	1,684,260	0.17
Per cent of increase .....				60.4		29.7		17.7	
Joliet .....	1904	106	1.02	\$1,861,102	1.23	\$21,706,492	2.96	\$33,788,700	2.76
	1900	135	1.36	1,527,439	1.48	17,192,915	2.83	26,131,625	2.64
Per cent of increase .....		*21.5		21.8		26.2		29.3	
Kankakee .....	1904	49	0.47	\$259,248	0.17	\$1,025,706	0.14	\$2,069,143	0.17
	1900	36	0.36	61,676	0.06	288,960	0.05	648,713	0.07
Per cent of increase .....		36.1		320.3		255.0		222.0	
Kewanee .....	1904	19	0.19	\$317,636	0.21	\$3,639,978	0.50	\$6,729,381	0.55
	1900	25	0.25	74,598	0.07	2,786,370	0.46	4,166,096	0.42
Per cent of increase .....		*24.0		325.8		30.6		61.5	
LaSalle .....	1904	24	0.23	\$129,098	0.09	\$1,878,218	0.26	\$3,158,173	0.26
	1900	26	0.26	70,702	0.07	2,396,946	0.40	3,309,413	0.33
Per cent of increase .....		*7.7		82.6		*21.6		*4.6	
Lincoln .....	1904	39	0.37	\$63,629	0.04	\$374,572	0.05	\$784,248	0.06
	1900	36	0.36	32,177	0.03	155,580	0.03	375,167	0.04
Per cent of increase .....		8.3		97.7		140.8		109.0	
Mattoon .....	1904	34	0.32	\$39,185	0.03	\$522,371	0.07	\$1,306,781	0.11
	1900	39	0.39	23,390	0.02	346,264	0.06	764,463	0.08
Per cent of increase .....		*12.8		67.5		50.9		71.2	
Moline .....	1904	62	0.59	\$1,594,175	1.05	\$6,894,858	0.95	\$13,158,429	1.08
	1900	55	0.56	470,057	0.45	4,598,192	0.76	9,302,054	0.94
Per cent of increase .....		12.7		237.0		49.9		41.5	

Table 21b—Concluded.

CITIES.	Years.	ESTABLISHMENTS		MISCELLANEOUS EXPENSES.		COST OF MATERIAL USED.		VALUE OF PRODUCTS, INCLUDING CUSTOM WORK AND REPAIRING.	
		Number.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
Ottawa.....	1904	54	0.51	\$218,623	0.14	\$772,536	0.11	\$2,078,129	0.17
	1900	57	0.58	133,962	0.13	751,252	0.12	1,737,884	0.18
Per cent of increase		*5.3		63.2		2.8		19.6	
Pekin.....	1904	44	0.42	\$93,265	0.06	\$619,395	0.08	\$1,121,130	0.09
	1900	39	0.39	66,912	0.07	575,222	0.10	1,005,796	0.10
Per cent of increase		12.8		39.4		7.7		11.5	
Peoria.....	1904	265	2.52	\$37,874,872	25.06	\$16,050,664	2.20	\$60,920,411	4.98
	1900	291	2.94	24,822,086	24.00	12,984,629	2.14	44,569,371	4.50
Per cent of increase		*8.9		52.6		23.6		36.7	
Quincy.....	1904	224	2.22	\$1,461,575	0.96	\$5,187,502	0.71	\$10,748,224	0.88
	1900	196	2.00	702,837	0.68	4,350,840	0.72	7,918,728	0.80
Per cent of increase		18.2		108.0		19.2		35.7	
Rockford.....	1904	180	1.71	\$1,414,824	0.93	\$8,066,001	1.11	\$15,276,129	1.25
	1900	159	1.61	694,178	0.67	6,201,958	1.02	11,021,550	1.11
Per cent of increase		13.2		103.8		30.1		38.6	
Rock Island.....	1904	72	0.68	\$962,748	0.64	\$2,580,373	0.35	\$5,332,967	0.44
	1900	66	0.66	323,850	0.31	2,683,204	0.44	4,621,530	0.47
Per cent of increase		9.1		197.3		*3.8		15.4	
Springfield.....	1904	122	1.16	\$627,608	0.41	\$2,490,301	0.34	\$5,796,637	0.47
	1900	106	1.07	398,610	0.38	1,411,685	0.23	3,467,045	0.35
Per cent of increase		15.1		57.4		76.4		67.2	
Streator.....	1904	24	0.32	\$78,835	0.05	\$584,333	0.08	\$1,888,894	0.15
	1900	42	0.42	93,600	0.09	362,040	0.06	1,244,978	0.12
Per cent of increase		*19.0		*15.8		61.4		51.7	
Waukegan.....	1904	41	0.38	\$237,946	0.16	\$2,958,284	0.40	\$3,961,513	0.32
	1900	32	0.32	51,039	0.05	338,294	0.06	732,794	0.07
Per cent of increase		28.1		366.2		774.5		440.6	

\* Decrease.

The following information is substantially gleaned from the census reports.

Chicago has a value of products much larger than that reported by a majority of the States and is preëminently the largest manufacturing center in the State.

The manufacturing industries of Chicago are various, the city has accomplished a marvelous growth both in manufacturing and population, and has attained a position in these respects second only to New York City.

There is no city in the world possessing the railroad advantages of Chicago; it also has a water commerce with all parts of the Great Lakes and even with the world. The chief industry of this city is that of slaughtering and meat packing; in no other city has this industry attained the proportion it has in Chicago, and it is now recognized as the meat market of this country. Its stock yards and meat packing establishments are one of the chief sights of the city.

The combined value of the products of this industry amounts to 85 per cent of the total for the industry of the State; in other items, connected with this industry, Chicago exceeded the rest of the State by similar percentages.

There are 17 other industries in the city each of which reported a value of products of over \$10,000,000 and may also be classed as leading industries. In rank as to value of products there are: Men's clothing; foundry and machine shops; iron and steel (blast furnaces, steel works and rolling mills); printing and publishing; cars, steam railroad, not including operations; bread and bakery products; furniture; malt liquors; electrical machinery etc.; agricultural implements; coffee and spice, roasting and grinding; lumber, planing, mill products; soap; gas, illuminating and heating; lead, smelting and refining; women's clothing; cars, and general shop construction and repairs by steam railroad companies. The value of the products of each of 15 of these industries in Chicago, exceeded 50 per cent of that for the entire industry in the State, emphasizing the importance of this city as a manufacturing center. In several of these industries the proportion of the value of the products in Chicago exceeded 90 per cent of the total value of the industry.

Peoria was the second city in manufactures, the number of establishments was for 1904, 265, a decrease of 8.9 per cent. The value of the products amounted to \$60,920,411, an increase of 36.7 per cent. This value however, is only about one-sixteenth of that for Chicago. The number of wage earners in the Peoria establishments was practically the same for both years, however, the increase in the total amount for wages paid was 15.1 per cent. The leading industries reported for this city were; distilled liquors; glucose; agricultural implements; slaughtering and meat packing; cooperage and malt liquors; its principal industry is distilled liquors, for which the city is widely known. There are 11 establishments in the State engaged in this business; six of these were reported as located in Peoria, the value of their products was given as \$42,170,815 being 77.9 per cent of the total for the industry in the State. The increase in the industry, estimated by the value of the products, amounted to \$15,378,461 or 57.4

per cent, although there was a decrease of five in the number of establishments. The principal material used in this industry was corn, and, as Illinois is the leading producer of this grain the raw material was abundant.

East St. Louis ranks third among these cities and shows an increase in the items here presented. The number of establishments increased from 61 in 1900 to 94 in 1904, or 51.1 per cent; capital had the remarkable increase of 150.7 per cent; the number of wage earners 36.4 per cent; and wages paid 57.3 per cent. The increase in the value of the product was 15.8 per cent. The importance of its manufactures are respectively: Slaughtering and meat packing, largely in excess of all others, iron and steel, steel works and rolling mills, and foundry and machine shops.

Joliet ranks fourth; the value of its products increased 29.3 per cent for the years under consideration, though the number of establishments decreased 21.5 per cent. The leading industries are iron and steel and rolling mills; wire, and iron and steel blast furnaces; the statistics of these plants, however, are not given as it would disclose their individual operations. All of the industries experienced large increases in all items of their plants.

Rockford ranks fifth, with furniture, hosiery and knit goods; agricultural implements; foundry and machine shop products, and glucose. This city increases 23.7 per cent in the number of wage earners, and 50.5 per cent in the amount of wages paid; the number of establishments increased 13.2 per cent and the value of the product 38.6 per cent.

Moline is sixth with agricultural implements; carriages and wagons; foundry and machine shop products; and iron and steel, steel works and rolling mills. This city shows an increase in the number of establishments of 12.7 per cent and of capital invested 122.0 per cent. The increase in miscellaneous expenses and material used was 67.3 per cent while the value of the product increased 41.5 per cent. The number of wage earners decreased 3.6 per cent, but the amount of wages paid increased 11.7 per cent.

Quincy is seventh in rank, producing stoves and furnaces; foundry and machine shop products; and carriages and wagons. In this city the number of establishments increased 18.2 per cent; number of wage earners 20.6 per cent; amount of wages paid 37.7 per cent, while the value of the product increased 35.7 per cent.

Elgin ranks eighth, with watches, watch cases and cooperage. The number of establishments decreased 5.0 per cent, but the number of wage earners increased 11.6 per cent and the amount of wages paid 30.8 per cent. The capital invested increased 31.0 per cent and the miscellaneous expenses and cost of material used increased 179.8 per cent and 56.5 respectively. The value of the product increased 46.4 per cent.

Alton is ninth in rank, producing flour and grist mill products, and glass works products. Alton increased in the number of wage earners 41.2 per cent; in wages paid 66.5 per cent, in value of products 104.6 per cent.

Decatur ranks as tenth with flour and other products of this character; brass casting and finishing. The increase in the number of

wage earners and wages paid was respectively, 21.9 and 35.6 per cent. The increase in the value of products was 68.8 per cent.

Aurora ranks eleventh, having cars and general shop construction and repairs by steam railroad companies; foundry and machine shops; corsets; and stoves and furnaces. The increase of capital was 45.7 per cent, number of wage earners 3.3 per cent and wages paid 28.1 per cent. The value of the products show an increase of thirty per cent.

Kewanee, twelfth in rank, principal products, iron and steel; steel works and rolling mills; steam fittings and heating apparatus. This city shows a decrease of 24.0 per cent in the number of establishments, but an increase in the number of wage earners of 44.6 per cent, and in amount of wages paid 101.5 per cent. The value of the products increased 61.5 per cent.

Springfield is thirteenth in rank with agricultural implements; steam railroad repair shops, watches and slaughtering, as the principal industries. The number of wage earners and wages paid increased, respectively, 39.7 and 58.0 per cent; the value of the products 67.2 per cent.

Bloomington is fourteenth, having cars and general steam railroad construction and repair shops; slaughtering and meat packing, and foundry and machine shops. In this city the number of wage earners increased 36.1 per cent, and wages paid 54.2 per cent; the value of the products 91.8 per cent.

Rock Island ranks fifteenth, the leading industries are lumber and timber products, and agricultural implements. This city, though the number of establishments increased 9.1 per cent, and capital 51.3 per cent, decreased 9.7 per cent in the number of wage earners, and 6.9 per cent in amount of wages paid. The value of the products shows an increase of 15.4 per cent.

Cairo is sixteenth in rank; its main products are lumber and timber supplies, and flour and other mill stock. The decrease in the number of wage earners was 4.4 per cent, but an increase of 19.0 per cent in the amount of wages paid; while the value of the products increased 40.6 per cent.

Belleville ranks seventeenth, with flour and other similar products, also stoves and furnaces, and distilled and malt liquors. The number of wage earners increased 32.2 per cent and wages paid 63.1 per cent. Capital invested increased 33.3 per cent, and the value of the product 51.6 per cent.

Waukegan is eighteenth in rank; the principal industry was glucose. The increase in the number of establishments was 28.1 per cent; the increase in the capital invested was marvelous, being 436.9 per cent; the increase in the number of wage earners and wages paid was also very extraordinary, being 66.7 per cent and 152.2 per cent respectively; while the increase in material used was the astonishing rate of 774.5 per cent, and the value of the product 440.6 per cent; these latter augmentations exceeding that of any of the other cities in this group.

Danville ranks nineteenth, cars and general building and repairs by steam railroad companies; also brick and tile, constitute its leading industries, considered here. While there was a slight decrease in the number of establishments the capital invested increased 48.8 per cent;



the number of wage earners 96.9 per cent and wages paid 113.2 per cent. The value of the products increased 72.7 per cent.

LaSalle is twentieth in rank, with smelting and refining, also zinc and cement. The number of establishments decreased 7.7 per cent; however, the number of wage earners increased 30.5 per cent, and wages paid 53.2 per cent. LaSalle is the only city in the list that shows a decrease in the value of the product, being 4.6 per cent; this is inexplicable.

Freeport ranks twenty-first, the leading industries are foundry and machine shops; carriages and wagons; steam railroad repair shops; patent medicines and compounds; and windmills. The number of establishments increased 19.6 per cent; wage earners 13.7 per cent; wages paid 19.0 per cent. The value of the products increased 14.8 per cent.

Evanston ranks twenty-second, with wrought iron and steel pipe. The number of establishments increased 22.2 per cent; capital 33.5 per cent; and value of products 207.3 per cent. The number of wage earners increased 84.5 per cent and the amount of wages earned 100 per cent.

Galesburg is twenty-third, has cars and general shop construction and repairs by steam railroad companies. Also foundry and machine shop products. The number of establishments increased 48.7 per cent; wage earners 35.2 per cent and wages paid 45.1 per cent. The value of the products increased 52.9 per cent.

Kankakee is twenty-fourth, having sewing machines and equipments; musical instruments and pianos. The number of establishments increased 36.1 per cent; capital 188.9 per cent and value of products 222.0 per cent. The number of wage earners increased 175.3 per cent and amount of wages paid 215.1 per cent.

Ottawa is twenty-fifth with agricultural implements, musical instruments, organs; carriages and wagons and pottery, terra cotta and fire clay products. Ottawa shows a decrease in number of establishments of 5.31 per cent, and of capital 6.2 per cent. The number of wage earners increased 10.5 per cent, and wages paid 35.9 per cent. The value of products increased 19.6 per cent.

Jacksonville is twenty-sixth. The leading industries were: cars and general shop construction and repairs by steam railroad companies, and men's clothing. There was no change in the number of establishments; the number of wage earners decreased 15.7 per cent, but increased in amount of wages paid 5.8 per cent. The value of products increased 17.7 per cent.

Streator is twenty-seventh in rank, with one leading industry, glass works. The number of leading establishments decreased 19.0 per cent, however the capital invested increased 47.1 per cent, and the value of the products 51.7 per cent. The number of wage earners increased 20.3 per cent and the amount of wages paid 71.9 per cent.

Mattoon is twenty-eighth, having in chief, cars and general shop construction and repairs conducted by steam railroad companies. The number of establishments in Mattoon decreased 12.8 per cent, however, capital invested increased 52.1 per cent, and the value of products 71.2 per cent. In addition to these large increases, the number of wage

earners multiplied 61.7 per cent, and the amount of wages paid increased 101.5 per cent.

Pekin was twenty-ninth in rank, with cooperage and carriages and wagons. The number of establishments increased 12.8 per cent and capital 28.8 per cent. The number of wage earners only increased 3.2 per cent, wages paid 5.0 per cent and value of products 11.5 per cent.

Lincoln ranked as thirtieth, with flour and other mill products of like character. The capital invested in industries, increased 38.4 per cent; value of products 109.0 per cent; while the number of wage earners and the amount of wages paid increased 25.5 per cent and 52.2 per cent respectively.

Champaign, the last of this list of cities, was thirty-first in rank, with cars and general shop construction, and repairs by steam railroad companies. The number of establishments increased 9.1 per cent; capital 53.3 per cent, value of products 37.4 per cent, number of wage earners 18.0 per cent, and the amount of wages 43.4 per cent.

#### CLASSIFICATION BY CHARACTER OF OWNERSHIP.

The several forms of ownership of 33 selected industries: individual, firm and incorporated companies, are presented in separate tables that follow. As in previous presentations these tables give the number of establishments, capital, wage earners, wages paid, miscellaneous expenses, cost of material used and value of products for each form of ownership. These industries are located in cities having a population in 1900 of 8,000 and over, and are for the calendar year 1904.

The following tables present in condensed form the relative importance of the several forms of ownership.

Table 22a gives the ownership, total number of establishments, capital and wage earners and wages.

TABLE 22A—*Summary of the State, for Establishments in Thirty-three Selected Industries by Classified Ownership, with the Per Cent in each Class, 1904.*

CHARACTER OF OWNERSHIP.	INDIVIDUAL, FIRM, CORPORATION AND MISCELLANEOUS OWNERSHIP.							
	ESTAB- LISHMENTS		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
The State.....	10, 662	100.0	\$663, 152, 112	100.0	222, 605	100.0	\$121, 313, 576	100.0
Individual.....	6, 160	57.8	40, 516, 337	6.1	33, 033	14.8	17, 145, 962	14.1
Firm.....	1, 852	17.4	34, 995, 171	5.3	25, 245	11.4	13, 072, 488	10.8
Corporations.....	2, 489	23.3	586, 842, 318	88.5	164, 054	73.7	90, 937, 213	75.0
Miscellaneous.....	161	1.5	838, 286	0.1	273	0.1	157, 913	0.1

Table 22b shows the same establishments and class of ownership, with expenses, miscellaneous and cost of material, and the value of the products; both tables showing the per cent each bears to the totals of the 10,662 establishments in the State.

TABLE 22B—*Summary of the State, for Establishments in Thirty-three Selected Industries by Classified Ownership, with the Per Cent in each Class, 1904.*

CHARACTER OF OWNERSHIP.	INDIVIDUAL, FIRM, CORPORATION AND MISCELLANEOUS OWNERSHIP.							
	ESTAB- LISHMENTS		EXPENSES.				VALUE OF PRODUCT.	
	Number.	Per cent.	Miscel- laneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
The State.....	10,662	100.0	\$89,122,532	100.0	\$565,857,413	100.0	\$897,192,193	100.0
Individual.....	6,160	57.8	7,869,436	8.8	40,419,858	7.2	80,955,375	9.0
Firm.....	1,852	17.4	9,530,575	10.7	48,814,896	8.6	86,248,377	9.6
Corporation.....	2,489	23.3	71,478,318	80.2	474,771,502	83.9	727,451,641	81.1
Miscellaneous.....	161	1.5	244,203	0.3	1,851,157	0.3	2,536,800	0.3

Incorporated companies, although owning only 23.3 per cent of the total number of establishments, represented 88.5 per cent of the capital, employed 73.7 per cent of the wage earners and paid 75 per cent of the wages. They also represented 80.2 per cent of miscellaneous expenses, 83.9 per cent of the cost of material used and produced 81.1 per cent of the total value of the products.

Tables 23a and 23b present the summary of thirty of the thirty-three industries owned by individuals. The first line of each of the tables shows the totals of all the industries under this form of ownership. The reading of the table is that the fifteen establishments in producing agricultural implements represent 18.3 per cent of the number engaged in this industry, having only two-tenths per cent of the capital invested, and turning out but five-tenths per cent of the value of the product of this industry. All of the other industries are presented in the same manner. Tobacco, cigars and cigarettes is the only industry reporting over 50 per cent of the total value of pro-

ducts; bread and other bakery products show 46 per cent; men's and women's clothing, 34.9 and 31.8 per cent, respectively; copper smithing, etc., shows 31.6 per cent; and coffee, spices, etc., 26.4 per cent of the value of the product. All other industries show less than 25 per cent.

TABLE 23A—*Summary for Establishments, Individual Ownership, in Thirty-three Selected Industries, with Per Cent of the Total in each Industry, 1904.*

Number.	INDUSTRIES.	INDIVIDUAL OWNERSHIP.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
	Thirty three selected industries .....	6,160	.....	\$40,516,337	.....	33,033	.....	\$17,145,962	.....
1	Agricultural implements .....	15	18.3	130,939	0.2	132	0.9	53,667	0.6
2	Boots and shoes .....	13	25.5	140,017	3.8	126	3.2	56,495	3.0
3	Boxes, wooden packing .....	22	42.3	500,767	10.8	427	11.7	176,905	11.4
4	Bread and other bakery products .....	1,217	86.6	5,863,594	28.6	3,121	42.1	1,894,399	46.0
5	Brick and tile .....	221	50.8	1,664,731	12.8	1,132	21.6	542,978	17.8
6	Butter, cheese and con. milk .....	144	35.6	502,351	9.4	153	8.8	82,214	9.9
7	Carriages and wagons .....	167	57.6	1,319,927	12.2	877	21.0	512,282	22.1
8	Clothing, men's .....	426	72.4	2,543,254	13.5	7,564	37.3	3,424,387	34.9
9	Clothing, women's .....	97	50.8	628,070	17.7	1,496	31.9	699,404	31.8
10	Coffee and spice, roasting and grinding .....	6	24.0	3,154,801	48.6	323	33.9	113,868	26.4
11	Confectionery .....	30	34.5	661,743	17.9	804	22.4	275,770	23.6
12	Coppersmithing and sheet iron working .....	115	51.3	714,791	23.6	631	31.7	438,838	31.6
13	Electrical machinery, apparatus and supplies .....	15	14.4	171,013	0.8	179	2.9	79,628	2.5
14	Flour and grist mill products .....	132	36.4	1,691,006	12.0	357	14.8	151,500	12.5
15	Foundry and machine shop products .....	215	29.2	3,871,868	5.0	2,394	7.3	1,539,793	7.8
16	Furniture .....	71	35.1	1,369,195	8.1	1,328	10.8	779,255	11.7
17	Gas, illuminating and heating * .....	6	9.4	173,044	0.2	19	0.6	9,444	0.6
18	Leather, tanned, curried and finished .....	4	14.3	506,750	4.4	160	5.8	84,019	6.3
19	Liquors, malt † .....	23	19.8	2,062,334	5.3	236	5.9	168,093	5.6
20	Lumber and timber products † .....	163	60.6	1,028,367	17.1	862	19.2	362,381	19.0
21	Lumber, planing mill products including sash, doors and blinds .....	93	34.4	1,110,872	10.1	841	12.0	515,887	13.0

Table 23a—Concluded.

Number.	INDUSTRIES.	INDIVIDUAL OWNERSHIP.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
23	Malt †.....	3	14.3	\$ 141,100	1.0	19	3.8	\$ 15,150	4.0
23	Musical instruments, pianos *..	6	16.7	1,060,412	7.2	314	5.0	194,626	5.9
24	Paints .....	3	7.7	21,200	0.3	3	0.3	1,872	0.3
25	Patent medicines and compounds.....	87	33.5	326,907	5.9	155	11.2	66,002	11.4
26	Pottery, terra cotta and fire clay products.....	9	20.0	28,875	0.4	14	0.6	5,480	0.4
27	Printing and publishing, book and job.....	455	52.5	1,976,277	11.2	1,792	13.8	988,440	13.2
28	Printing and publishing, newspapers and periodicals.....	775	55.8	3,771,593	18.5	1,874	26.0	866,050	18.1
29	Slaughtering and meat packing	12	17.6	1,239,169	1.5	673	2.5	405,665	2.8
30	Soap .....	4	11.8	182,593	2.4	59	3.1	23,773	3.2
31	Structural iron work.....	35	41.7	1,275,930	18.9	766	19.2	460,096	19.2
32	Tinware .....	28	57.1	194,341	0.9	144	4.7	82,397	6.1
33	Tobacco, cigars and cigarettes§	1,557	87.1	2,995,450	58.1	4,081	61.1	2,127,244	61.4

\* Includes two firms to avoid disclosing individual operations.

† Includes one miscellaneous establishment to avoid individual operations.

‡ Includes one firm to avoid disclosing individual operations.

§ Includes two miscellaneous establishments to avoid disclosing individual operations.

TABLE 23B—Summary for Establishments, Individual Ownership in Thirty-three Selected Industries, with Per Cent of the Total in each Industry, 1904.

Number.	INDUSTRIES.	INDIVIDUAL OWNERSHIP.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous	Per cent of total.	Material.	Per cent of total.	Amount.	Per cent of total.
	33 selected industries.....	6,160	.....	\$7,869,436	.....	\$40,419,858	.....	\$90,955,375	.....
1	Agricultural implements.....	15	18.3	11,946	0.3	83,624	0.5	203,433	0.5
2	Boots and shoes.....	13	29.5	13,808	2.4	111,287	2.0	215,395	2.4
3	Boxes, wooden packing.....	22	42.3	36,701	10.6	518,050	11.8	879,024	11.9
4	Bread and other bakery prod.	1,217	86.6	601,732	33.6	6,196,015	43.4	11,014,717	42. -

Table 23b—Concluded.

Number.	INDUSTRIES.	INDIVIDUAL OWNERSHIP.							
		ESTABLISH- MENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous	Per cent of total.	Material.	Per cent of total.	Amount.	Per cent of total.
5	Brick and tile.....	221	50.8	\$ 76,678	9.2	\$ 266,460	15.6	\$1,295,341	17.2
6	Butter, cheese and cond. milk	144	35.6	37,881	7.3	1,571,714	14.7	1,927,569	14.5
7	Carriages and wagons....	167	57.6	129,300	15.3	630,808	12.9	1,622,737	16.5
8	Clothing, men's.....	426	72.4	1,137,700	12.4	2,677,004	9.9	8,570,076	15.5
9	Clothing, womens'.....	97	50.8	153,569	12.6	1,202,573	19.0	2,546,165	20.8
10	Coffe and spice, roasting and grinding.....	6	24.0	569,117	44.3	3,299,316	26.4	4,401,425	27.9
11	Confectionery.....	30	34.5	150,586	16.3	705,651	16.8	1,418,320	18.6
12	Coppersmithing and sheet iron working.....	115	51.3	91,392	20.3	600,841	24.5	1,506,468	27.4
13	Elec. mach. apparatus and supplies.....	15	14.4	36,329	1.8	135,618	1.8	330,116	2.0
14	Flour and grist mill products	132	36.4	75,910	9.4	3,048,298	8.7	3,635,386	9.1
15	Found. and mach. shop prod..	215	29.2	437,054	5.7	1,611,807	5.4	4,727,075	6.5
16	Furniture.....	71	35.1	194,516	8.2	832,460	8.7	2,271,253	10.3
17	Gas illuminating and heating	6	9.4	9,263	0.4	15,193	0.3	43,139	0.3
18	Leather, tanned, curried and finished.....	4	14.3	20,271	4.7	667,044	8.2	865,321	8.0
19	Liquors, malt.....	23	19.8	348,564	3.1	315,005	6.0	1,060,824	4.4
20	Lumber and timber products	163	60.6	147,360	22.9	553,877	16.7	1,431,276	20.2
21	Lumber, planing mill prod., includ. sash doors, blinds..	93	34.4	92,065	8.7	934,978	8.9	1,809,565	9.9
22	Malt.....	3	14.3	8,751	1.6	202,390	3.0	279,100	3.3
23	Musical instruments, pianos..	6	16.7	122,290	8.3	331,308	7.4	765,404	6.8
24	Paints.....	3	7.7	2,497	0.2	8,410	0.1	16,713	0.2
25	Pat. medicines and comp'nds.	87	33.5	229,127	5.3	254,010	10.4	897,073	8.4
26	Pottery, terra cotta and fire clay products.....	9	20.0	1,273	0.2	3,177	0.4	17,050	0.5
27	Printing and publish'g, book and job.....	455	52.5	933,281	16.4	1,128,045	13.4	4,266,167	15.1
28	Printing and publish. g. newspapers and periodicals.....	775	55.8	826,621	11.8	759,142	11.0	4,097,947	14.3
29	Slaughtering and meat pack.	12	17.6	163,574	1.2	8,179,777	2.9	9,474,132	3.0
30	Soap.....	4	11.8	9,943	0.5	311,682	3.3	382,831	2.7
31	Structural iron work.....	35	41.7	135,171	21.2	844,017	17.6	1,757,260	18.2
32	Tinware.....	28	57.1	12,131	3.6	189,223	3.3	370,544	4.2
33	Tob., cigars and cigarettes...	1,557	87.1	1,079,738	60.1	2,504,363	61.0	7,297,705	62.5

Tables 24a and 24b are summaries of firm ownership of thirty of the thirty-three industries. The three industries not represented in this class of ownership are gas, malt and pianos. The reading of these tables is the same as that of the tables of individual ownership. Estimated by the value of the products, only three exceed 25 per cent in this item—clothing, men's and women's, 58.6 and 57.5 per cent, respectively, and 31.9 per cent for coppersmithing. The same industries show relatively the same percentages as to the number of wage earners and wages paid.

TABLE 24A—Summary for Establishments, Firm Ownership, in Thirty Selected Industries, with Per Cent of the Total in Each Industry, 1904.

Number.	INDUSTRIES	FIRM OWNERSHIP.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
	Thirty selected industries*...	1,852	.....	\$34,955,171	.....	25,245	.....	\$13,072,488	.....
1	Agricultural implements .....	11	13.4	223,588	0.3	93	0.6	48,917	0.6
2	Boots and shoes .....	8	18.2	182,009	5.0	207	5.2	76,461	4.1
3	Boxes, wooden packing† .....	12	23.1	353,072	7.6	306	8.5	117,339	7.6
4	Bread and other bakery products† .....	141	10.0	480,681	3.5	683	9.2	375,727	9.1
5	Brick and tile .....	124	28.5	953,204	7.3	695	12.7	331,050	10.8
6	Butter, cheese and condensed milk .....	60	14.8	329,005	6.2	95	5.5	61,623	7.4
7	Carriages and wagons .....	79	27.2	1,006,310	9.3	528	12.6	298,998	12.9
8	Clothing, men's .....	121	20.6	10,908,049	57.9	9,202	45.4	4,663,663	47.6
9	Clothing, women's .....	70	36.6	2,145,842	60.3	2,367	50.5	1,133,640	51.6
10	Coffee and spice, roasting and grinding .....	3	12.0	713,962	11.0	118	12.4	64,150	14.8
11	Confectionery .....	18	20.7	279,461	7.5	419	11.7	145,167	19.4
12	Coppersmithing and sheet iron working .....	69	30.8	915,636	30.3	631	31.7	451,869	32.5
13	Electrical machinery, apparatus and supplies .....	14	13.5	71,175	0.3	74	1.2	47,282	1.5
14	Flour and grist mill products ....	125	34.4	2,575,204	18.2	450	18.7	213,568	17.6
15	Foundry and machine shop products .....	126	17.1	1,907,753	2.4	1,379	4.2	827,912	4.2
16	Furniture .....	28	13.9	1,171,269	6.9	875	7.1	443,193	6.7
17	Leather, tanned, curried and finished .....	7	25.0	459,766	3.9	334	12.0	145,897	11.0
18	Liquors, malt .....	11	9.5	531,826	1.4	69	1.7	42,264	1.4

Table 24a—Concluded.

Number.	INDUSTRIES.	FIRM OWNERSHIP.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
19	Lumber and timber products....	75	27.9	\$ 694,498	11.5	828	18.4	\$337,917	17.8
20	Lumber, planing mill products, including sash, doors and blinds	59	21.9	1,758,294	16.0	1,172	16.8	652,991	16.4
21	Paints .....	3	7.7	587,500	7.5	44	4.3	24,730	4.2
22	Patent medicines and compounds	44	16.9	300,902	5.4	82	6.0	39,736	6.9
23	Pottery, terra cotta, and fire clay products .....	8	17.8	177,872	2.7	130	5.4	60,526	4.9
24	Printing and publishing, book and job .....	159	18.3	1,715,974	9.7	1,238	9.6	698,596	9.3
25	Printing and publishing, newspapers and periodicals .....	228	16.4	1,268,801	6.2	742	10.3	365,096	7.6
26	Slaughtering and meat packing.	21	30.9	804,298	1.0	340	1.3	233,114	1.6
27	Soap .....	10	29.4	414,278	5.4	295	15.5	152,271	17.2
28	Structural iron work .....	10	11.9	477,770	7.1	190	4.7	136,838	5.7
29	Tinware .....	4	8.2	98,248	0.4	96	3.1	35,939	2.7
30	Tobacco, cigars and cigarettes..	201	1.2	1,217,133	23.6	1,559	23.4	825,808	23.9

\* Three industries have no Firm Ownership: Gas, malt, musical instruments, pianos.

† Includes one miscellaneous establishment, to avoid disclosing individual operations.

TABLE 24B—Summary for Establishments, Firm Ownership, in Thirty Selected Industries, with Per Cent of the Total in each Industry, 1904.

Number.	INDUSTRIES.	FIRM OWNERSHIP.							
		ESTABLISHMENTS		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous	Per cent of total.	Material.	Per cent of total.	Amount.	Per cent of total.
	Thirty selected industries*	1,852	.....	\$9,530,575	.....	\$48,814,896	.....	\$86,248,377	.....
1	Agricultural implements.....	11	13.4	15,039	0.4	114,819	0.6	245,494	0.7
2	Boots and shoes .....	8	18.2	18,942	3.3	177,116	3.1	372,033	4.1
3	Boxes, wooden packing.....	12	23.1	50,553	14.7	451,426	10.3	754,410	10.3
4	Bread and other bakery products.....	141	10.0	82,032	4.6	1,286,171	9.0	2,157,830	8.3



## MANUFACTURES IN ILLINOIS.

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Table 24b—Concluded.

Number.	INDUSTRIES.	FIRM OWNERSHIP.							
		ESTABLISHMENTS		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous	Per cent of total.	Material.	Per cent of total.	Amount.	Per cent of total.
5	Brick and tile.....	124	28.5	\$ 55,723	6.7	\$ 148,195	8.7	\$ 814,797	10.8
6	Butter, cheese and condensed milk.....	60	14.8	11,890	2.2	1,015,197	9.5	1,182,837	9.9
7	Carriages and wagons.....	79	27.2	77,668	9.2	426,826	8.7	1,036,052	10.6
8	Clothing, men's.....	121	20.6	5,427,279	59.2	16,973,302	62.4	32,322,357	58.6
9	Clothing, women's.....	70	36.6	745,735	61.0	3,649,641	57.6	7,037,321	57.5
10	Coffee and spice, roasting and grinding.....	3	12.0	84,465	6.6	2,662,076	21.3	3,225,421	20.5
11	Confectionery.....	18	20.7	78,965	8.6	452,573	10.8	888,614	11.6
12	Coppersmithing and sheet iron working.....	69	30.8	176,595	39.3	808,483	33.0	1,750,096	31.9
13	Electrical machinery apparatus and supplies.....	14	13.5	40,793	2.1	86,928	1.1	230,997	1.4
14	Flour and grist mill products	125	34.4	124,917	15.5	5,187,809	14.9	6,152,137	15.4
15	Foundry and machine shop products.....	126	17.1	254,901	3.3	958,597	3.2	2,782,326	3.8
16	Furniture.....	28	13.9	180,488	7.7	859,478	9.0	1,795,537	8.1
17	Leather, tanned, curried and finished.....	7	25.0	74,377	17.4	996,719	12.2	1,362,460	12.7
18	Liquors, malt.....	11	9.5	95,075	0.8	88,197	1.7	324,584	1.4
19	Lumber and timber products	75	27.9	88,847	13.8	276,609	8.3	994,544	14.1
20	Lumber, planing mill products, including sash, doors and blinds.....	59	21.9	117,169	11.0	2,184,122	20.8	3,349,275	18.3
21	Paints.....	3	7.7	34,952	3.2	339,860	5.2	488,000	5.1
22	Patent medicines and compounds.....	44	16.9	79,232	1.9	160,713	6.6	499,370	4.7
23	Pottery, terra cotta, and fire clay products.....	8	17.8	4,458	0.9	33,387	4.6	128,478	4.0
24	Printing and publishing, book and job.....	159	18.3	526,661	9.3	790,462	9.4	2,777,513	9.8
25	Printing and publishing, newspapers and periodicals	228	16.4	327,019	4.7	314,949	4.6	1,710,792	6.0
26	Slaughtering and meat packing.....	21	30.9	164,112	1.3	6,541,691	2.3	7,448,840	2.3
27	Soap.....	10	29.4	182,030	8.3	471,503	5.1	959,866	6.8
28	Structural iron work.....	10	11.9	28,765	4.5	224,433	4.7	540,401	5.6
29	Tinware.....	4	8.2	2,556	0.8	80,335	1.4	135,990	1.6
30	Tobacco, cigars and cigarettes	201	11.2	367,213	20.5	897,472	21.8	2,533,935	21.7

\*Three industries have no firm ownership: Gas, malt, musical instruments, pianos.

Tables 25a and 25b are summaries of corporation ownership of the thirty-three selected industries. In twenty-three of these industries over 25 per cent of the whole number of establishments are controlled by corporation ownership, ranging from 28.8 per cent in printing, book publishing, etc., to 90.6 per cent in gas illuminating and heating.

In capital invested, only five of the thirty-three industries show less than 50 per cent of the capital invested, while twenty-eight show from 67.9 per cent in bread and other bakery products to 99.8 per cent in the manufacturing of gas. Five industries show less than 50 per cent in the number of wage earners, while twenty-eight show from 53.7 per cent in coffee and spices, etc., to 99.4 in gas. As to the amount of wages paid, the same five industries show less than 50 per cent of the amount; the other twenty-eight industries showing from 58.8 per cent in coffee and spices, etc., to 99.4 in the gas industry. In the value of the products, five produced under 50 per cent of the total for all industries; one over 50 per cent, but under 60; four over 60 per cent, but under 70; nine over 70 per cent, but under 80; three over 80 per cent, but under 90; and twelve over 90 per cent to 99.4.

TABLE 25A.—*Summary for Establishments, Corporation Ownership, in Thirty-three Selected Industries, with Per Cent of the Total in each Industry, 1904.*

Number.	INDUSTRIES.	CORPORATION OWNERSHIP.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND EARNINGS.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
	Thirty-three selected industries.....	2,489	.....	\$586,842,318	.....	164,054	.....	\$90,937,213	.....
1	Agricultural implements .....	56	68.3	71,028,762	99.5	15,134	98.5	8,748,820	98.8
2	Boots and shoes .....	23	52.3	3,334,645	91.2	3,614	91.6	1,732,363	92.9
3	Boxes, wooden packing.....	18	34.6	3,778,114	81.6	2,902	79.8	1,255,758	81.0
4	Bread and other bakery prod'ts	48	3.4	9,171,156	67.9	3,611	48.7	1,845,317	44.9
5	Brick and tile .....	90	20.7	10,370,328	79.9	3,586	65.7	2,178,406	71.4
6	Butter, cheese and cond.milk	92	22.7	4,063,072	76.3	1,837	77.1	598,129	72.2
7	Carriages and wagons .....	44	15.2	8,512,628	78.5	2,781	66.4	1,508,961	65.0
8	Clothing, men's .....	41	7.0	5,388,388	28.6	3,517	17.3	1,711,706	17.5
9	Clothing, women's.....	24	12.6	788,647	22.0	828	17.6	364,546	16.6
10	Coffee and spice, roasting and grinding .....	16	64.0	2,619,397	40.4	512	58.7	253,871	58.8
11	Confectionery.....	39	44.8	2,762,657	74.6	2,364	65.9	748,844	64.0

Table 25a—Concluded.

Number.	INDUSTRIES.	CORPORATION OWNERSHIP.							
		ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND EARN- INGS.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
12	Coppersmithing and sheet iron working.....	40	17.9	\$ 1,396,118	46.1	727	36.6	\$ 497,774	35.9
13	Elec. mach'ny. app. and sup....	75	72.1	21,402,595	98.9	5,978	95.9	3,076,525	96.0
14	Flour and grist mill products..	106	29.2	9,862,255	69.8	1,603	66.5	845,797	69.9
15	Foundry and machine shop pro.	395	53.7	72,534,510	92.6	29,193	88.5	17,413,241	88.0
16	Furniture.....	103	51.0	14,395,758	85.0	10,063	82.1	5,415,449	81.6
17	Gas, illuminating and heating.	58	90.6	96,946,159	99.8	2,945	99.4	1,686,028	99.4
18	Leather, tanned, curried and finished.....	17	60.7	10,682,730	91.7	2,276	82.2	1,096,524	82.7
19	Liquors, malt.....	82	70.7	36,398,084	93.3	3,728	92.4	2,794,096	93.0
20	Lumber and timber products..	31	11.5	4,293,721	71.4	2,805	62.4	1,204,371	63.2
21	Lumber, plan. mill prod.includ- ing sash, doors and blinds...	113	43.7	8,183,676	73.9	4,981	71.2	2,900,740	70.6
22	Malt.....	18	85.7	13,384,409	99.0	483	96.2	362,913	96.0
23	Musical instruments, pianos..	30	83.3	13,827,760	92.8	5,954	95.0	3,084,792	94.1
24	Paints.....	33	84.6	7,219,877	92.2	982	95.4	568,485	95.5
25	Patent medicines, and com- pounds.....	129	49.6	4,955,036	88.7	1,143	82.8	473,194	81.7
26	Pottery, terra cotta and fire clay products.....	28	62.2	6,401,085	96.9	2,272	94.0	1,177,716	94.7
27	Printing and publishing, book and job.....	250	28.8	13,969,119	79.1	9,901	76.6	5,795,293	77.5
28	Printing and publishing, news- papers and periodicals.....	344	24.7	15,203,175	74.8	4,538	63.0	3,523,618	73.6
29	Slaughtering and meat packing	35	51.5	78,433,901	97.5	25,940	96.2	13,921,998	95.6
30	Soap.....	20	58.8	7,007,215	92.2	1,551	81.4	705,717	79.6
31	Structural iron work.....	39	46.4	5,001,621	74.0	3,043	76.1	1,902,350	75.1
32	Tinware.....	17	34.7	22,632,241	98.7	2,827	92.2	1,223,995	91.2
33	Tobacco, cigars and cigarettes	30	1.7	944,584	18.3	1,085	15.5	509,966	14.7

TABLE 25—Summary for Establishments, Miscellaneous Ownership, in Three of the Selected Industries, with Per Cent of the Total in each Industry, 1904.

Number.	INDUSTRIES.	MISCELLANEOUS OWNERSHIP.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
	Three selected industries.....	161	100.0	\$338,286	100.0	273	100.0	\$157,913	100.0
1	Butter, cheese and condensed milk.....	109	67.7	427,924	51.0	150	55.0	86,611	54.8
2	Printing and publishing, book and job..	3	1.9	850	0.1	2	0.7	675	0.4
3	Printing and publishing, newspapers and periodicals.....	43	26.7	93,727	11.2	51	18.7	34,524	21.9
4	Miscellaneous* .....	6	3.7	315,786	37.7	70	25.6	36,108	22.9

\* Includes 1 establishment, boxes, wooden packing; 1 bread and other bakery products; 1 liquors, malt; 1 lumber and timber products; 2 tobacco, cigars and cigarettes.

TABLE 25B—Summary for Establishments, Corporation Ownership, in Thirty-three Selected Industries, with Per Cent of the Total in each Industry, 1904.

Number.	INDUSTRIES.	CORPORATION OWNERSHIP.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous.	Per cent of total.	Material.	Per cent of total.	Amount.	Per cent of total.
	Thirty-three selected industries.....	2,489	.....	\$71,478,318	.....	\$474,771,502	.....	\$727,451,502	.....
1	Agricultural implements...	56	68.3	3,933,662	99.3	17,552,409	98.9	37,963,525	98.8
2	Boots and shoes .....	23	52.3	547,326	94.3	5,367,706	94.9	8,438,810	98.5
3	Boxes, wooden packing....	18	34.6	257,503	74.7	3,410,913	77.9	5,730,300	77.8
4	Bread and other bakery products .....	48	3.4	1,105,565	61.8	6,797,313	47.6	12,972,925	49.6
5	Brick and tile .....	90	20.7	698,908	84.1	1,280,820	75.7	5,436,271	72.0
6	Butter, cheese and condensed milk.....	92	22.7	437,318	85.0	6,412,125	59.9	8,230,358	62.0
7	Carriages and wagons.....	44	15.2	637,501	75.5	3,828,049	78.4	7,140,176	72.9
8	Clothing, men's .....	41	7.0	2,601,503	28.4	7,540,498	27.7	14,310,566	25.9
9	Clothing, women's.....	24	12.6	322,542	26.4	1,480,617	23.4	2,653,132	21.7

Table 25b—Concluded.

Number.	INDUSTRIES.	CORPORATION OWNERSHIP.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous.	Per cent of total.	Material.	Per cent of total.	Amount.	Per cent of total.
10	Coffee and spices, roasting and grinding.....	16	64.0	\$ 681,241	49.1	\$ 6,521,565	52.3	\$ 8,118,211	51.6
11	Confectionery .....	39	44.8	691,906	75.1	3,043,652	72.4	5,338,687	69.8
12	Coppersmithing and sheet iron working.....	40	17.9	181,855	40.4	1,042,938	42.5	2,234,799	40.7
13	Electrical machinery, apparatus and supplies .....	75	72.1	1,892,669	96.1	7,426,900	97.1	16,138,914	96.6
14	Flour and grist mill products.....	106	29.2	604,819	75.1	26,693,550	76.4	30,104,604	75.5
15	Foundry and machine shop products.....	395	53.7	7,002,861	91.0	27,186,798	91.4	65,494,539	89.7
16	Furniture .....	103	51.0	1,981,376	84.1	7,857,321	82.3	18,065,056	81.6
17	Gas, illuminating and heating .....	58	90.6	2,398,069	99.6	4,504,207	99.7	15,964,390	99.7
18	Leather, tanned, curried and finished .....	17	60.7	333,313	77.9	6,510,025	79.6	8,530,415	79.3
19	Liquors, malt .....	82	70.7	10,854,935	96.1	4,868,327	92.3	22,401,628	94.2
20	Lumber and timber products.....	31	11.5	407,569	63.3	2,495,974	75.0	4,655,650	65.7
21	Lumber, planing mill products, including sash, doors and blinds.....	118	43.7	851,730	80.3	7,395,745	70.3	13,137,195	71.8
22	Malt.....	18	85.7	540,554	98.4	6,500,312	97.0	8,260,770	96.7
23	Musical instruments, pianos	30	83.2	1,342,609	91.7	4,171,857	92.6	10,567,103	93.2
24	Paints .....	33	84.6	1,049,023	96.6	6,174,847	94.7	8,979,567	94.7
25	Patent medicines and compounds.....	129	49.6	3,981,007	92.8	2,027,306	83.0	9,271,024	86.9
26	Pottery, terra cotta and fire clay products.....	28	62.2	518,806	98.9	695,542	95.0	3,110,784	95.5
27	Printing and publishing, book and job.....	250	28.8	4,223,890	74.3	6,505,422	77.2	21,246,304	75.1
28	Printing and publishing, newspapers and periodicals.....	344	24.7	5,676,727	80.7	5,813,097	84.1	22,434,017	78.3
29	Slaughtering and meat packing.....	35	51.5	12,634,844	97.5	265,133,091	94.8	300,283,110	94.7
30	Soap .....	20	58.8	1,994,674	91.2	8,561,876	91.6	12,814,011	90.5
31	Structural iron work .....	39	46.4	472,719	74.3	3,721,053	77.7	7,338,682	76.2
32	Tinware.....	17	34.7	321,162	95.6	5,531,856	95.3	8,248,283	94.2
33	Tobacco, cigars and cigarettes .....	30	1.7	348,132	19.4	707,791	17.2	1,837,845	15.8

TABLE 25C—*Summary for Establishments, Miscellaneous Ownership, in Three Selected Industries, with Per Cent of the Total in each Industry, 1904.*

Number.	INDUSTRIES.	MISCELLANEOUS OWNERSHIP.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent.	Miscellaneous.	Per cent.	Material.	Per cent.	Amount.	Per cent.
	Three selected industries .....	161	100.0	\$244,203	100.0	\$1,851,157	100.0	\$2,536,800	100.0
1	Butter, cheese and condensed milk	109	67.7	28,148	11.5	1,709,962	92.4	1,935,769	76.8
2	Printing and publishing, book and job .....	3	1.9	2,320	1.0	215	*	3,700	0.1
3	Printing and publishing, newspapers and periodicals.....	43	26.7	199,627	81.7	23,458	1.3	402,225	15.9
4	Miscellaneous.....	6	3.7	14,108	5.8	117,522	6.3	195,106	7.7

\* Less than one-tenth of 1 per cent.

#### CLASSIFICATION BY VALUE OF PRODUCTS.

The following series of tables present the statistics of thirty-nine selected industries classified by value of products, showing all the items contained in preceding tables. Tables 26a and 26b show the information for twenty-eight of the thirty-nine industries. In these twenty-eight industries there were 4,073 establishments; the value of the product of each of these establishments was less than \$5,000 for the year 1904. For example, the first line at the head of table 27a gives the totals of all establishments in this class. Each industry is then given. For agricultural implements, fifteen establishments, or 18.3 per cent of the total number reported in this industry, each producing a product valued at less than \$5,000. The aggregate value of the product of these establishments is shown to be one-tenth per cent of the total product of all establishments reported in this industry.

TABLE 26A—Summary by Value of Products of 4,073 Establishments, in Twenty-eight of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being less than \$5,000, with Per Cent of Total of Each Industry—1904.

Number.	INDUSTRY.	VALUE OF PRODUCT LESS THAN \$5,000.							
		ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND WAGES			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
	Totals for twenty-eight selected industries.....	4,073	37.8	\$8,147,525	1.1	5,577	2.1	\$2,351,486	1.6
1	Agricultural implements.....	15	18.3	84,589	0.1	23	0.1	11,013	0.1
2	Boots and shoes.....	4	9.1	17,350	0.5	5	0.1	2,090	0.1
3	Boxes, wooden, proking.....	9	17.3	19,495	0.4	25	0.3	4,454	0.3
4	Bread and other bakery products....	526	37.4	836,352	6.2	402	4.7	194,595	4.7
5	Brick and tile.....	214	49.2	864,761	6.7	603	7.7	235,451	7.7
6	Butter.....	59	16.9	183,692	11.9	31	5.7	16,858	5.7
7	Carriages and wagons.....	106	36.5	370,546	3.4	139	4.4	102,953	4.4
8	Cars and general shop construction and repairs by steam railroad com- panies.....	8	8.1	31,353	0.2	26	0.1	15,400	0.1
9	Clothing, men's.....	120	20.4	211,450	1.1	652	2.3	222,316	2.3
10	Clothing, women's.....	22	11.5	14,374	0.4	50	1.0	22,236	1.0
11	Confectionery.....	5	5.8	2,981	0.1	12	0.4	4,644	0.4
12	Coppersmithing and sheet iron work- ing.....	33	14.7	86,665	2.9	63	2.7	37,758	2.7
13	Electrical machinery, apparatus and supplies.....	12	11.5	26,779	0.1	14	0.3	8,330	0.3
14	Flour and grist mill products.....	9	2.5	37,504	0.3	4	0.1	1,676	0.1
15	Foundry and machine shop products.	132	17.9	489,766	0.6	202	0.6	109,458	0.6
16	Furniture.....	20	9.9	48,896	0.3	37	0.3	16,840	0.3
17	Gas, illuminating and heating.....	4	6.2	132,119	0.1	4	0.1	2,050	0.1
18	Liquors, malt.....	6	5.2	43,220	0.1	10	0.2	5,201	0.2
19	Lumber and timber products.....	147	54.6	359,021	6.0	271	5.3	101,173	5.3
20	Lumber, planing mill products, in- cluding sash, doors and blinds.....	33	12.2	111,637	1.0	54	0.6	25,243	0.6
21	Patent medicines and compounds....	119	45.8	184,813	3.3	84	5.7	32,883	5.7
22	Pottery, terra cotta and fire clay products.....	11	24.4	37,955	0.6	15	0.5	5,760	0.5
23	Printing and publishing, book and job.....	348	40.1	667,517	3.8	367	2.5	189,707	2.5

Table 26a—Concluded.

Number.	INDUSTRY.	VALUE OF PRODUCTS LESS THAN \$5,000.							
		ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
24	Printing and publishing, newspapers and periodicals.....	803	57.7	\$1,877,613	9.2	1,205	9.1	\$435,560	9.1
25	Soap .....	5	14.7	46,566	0.6	6	0.2	1,750	0.2
26	Structural iron work .....	8	9.5	14,875	0.2	9	0.2	5,065	0.2
27	Tinware.....	14	28.6	29,164	0.1	18	0.8	10,424	0.8
28	Tobacco, cigars and cigarettes.....	1,275	71.3	1,259,162	24.4	1,193	15.3	528,569	15.3

TABLE 26b—Summary by Value of Products of 4,073 Establishments in Twenty-eight of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being less than \$5,000, with Per Cent of Total of Each Industry—1904.

Number.	INDUSTRY.	VALUE OF PRODUCT LESS THAN \$5,000.							
		ESTABLISH- MENTS.		EXPENSES.				VALUE OF PRO- DUCT.	
		Number.	Per cent of total.	Miscel- laneous.	Per cent of total.	Materials.	Per cent of total.	Amount.	Per cent of total.
	Totals for twenty-eight selected industries.....	4,073	37.8	\$1,280,628	0.9	\$3,255,459	0.5	\$10,068,851	0.9
1	Agricultural implements .....	15	18.3	4,260	0.1	13,935	0.1	45,933	0.1
2	Boots and shoes .....	4	9.1	448	0.1	3,193	0.1	7,698	0.1
3	Boxes, wooden packing.....	9	17.3	1,100	0.3	16,748	0.4	24,777	0.3
4	Bread and other bakery pro- ducts.....	526	37.4	121,636	6.8	883,951	6.2	1,603,854	6.1
5	Brick and tile .....	214	49.2	30,490	3.7	99,637	5.9	575,710	7.6
6	Butter .....	59	16.9	4,919	4.5	138,693	2.6	172,661	2.7
7	Carriages and wagons.....	106	36.5	18,244	2.2	116,687	2.4	324,398	3.3
8	Cars and general shop con- struction and repairs by steam railroad companies....	8	8.1	400	0.2	8,665	0.1	25,155	0.1
9	Clothing, men's .....	120	20.4	26,205	0.3	29,638	0.1	369,405	0.7
10	Clothing, women's .....	22	11.5	7,914	0.6	12,846	0.2	60,313	0.5
11	Confectionery .....	5	5.8	1,066	0.1	5,210	0.1	14,547	0.2



Table 26b—Concluded.

Number.	INDUSTRY.	VALUE OF PRODUCT LESS THAN \$5,000.						
		ESTABLISHMENTS.		EXPENSES.			VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous.	Per cent of total.	Materials.	Per cent of total.	Amount.
12	Coppersmithing and sheet iron working .....	33	14.7	\$ 7,494	1.7	39,311	1.6	\$ 106,121
13	Electrical machinery, apparatus and supplies.....	12	11.5	7,710	0.4	10,731	0.1	23,180
14	Flour and grist mill products..	9	2.5	908	0.1	29,063	0.1	37,200
15	Foundry and machine shop products.....	132	17.9	43,463	0.6	107,191	0.4	372,445
16	Furniture.....	20	9.9	5,039	0.2	16,635	0.2	50,857
17	Gas, illuminating and heating	4	6.2	2,951	0.1	5,907	0.1	11,729
18	Liquors, malt .....	6	5.2	3,573	*	5,523	0.1	21,598
19	Lumber and timber products ..	147	54.6	33,454	5.2	123,001	3.7	390,958
20	Lumber, planing mill products, including sash, doors and blinds.....	33	12.2	6,076	0.6	39,017	0.4	94,980
21	Patent medicines and compounds.....	119	45.8	72,910	1.7	71,625	2.9	251,106
22	Pottery, terra cotta and fire-clay products.....	11	24.4	1,611	0.3	3,657	0.5	19,750
23	Printing and publishing, book and job.....	348	40.1	115,694	2.0	220,487	2.6	823,685
24	Printing and publishing, newspapers and periodicals .....	803	57.7	312,787	4.4	335,148	4.9	1,886,009
25	Soap .....	5	14.7	4,027	0.2	4,295	*	8,865
26	Structural iron work.....	8	9.5	1,732	0.3	9,813	0.2	22,951
27	Tinware .....	14	28.6	1,927	0.6	16,755	0.3	39,485
28	Tobacco, cigars and cigarettes	1,275	71.3	440,703	24.5	877,759	21.4	2,654,394

\* Less than one-tenth of 1 per cent.

Tables 27a and 27b present the statistics for 3,489 establishments in thirty-one industries, each establishment reporting a product valued at \$5,000, but less than \$20,000.

TABLE 27a—Summary by Value of Products of 3,489 Establishments in Thirty-one of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being \$5,000, but less than \$20,000, with Per Cent of Total in Each Industry—1904.

Number.	INDUSTRY.	VALUE OF PRODUCT \$5,000, BUT LESS THAN \$20,000.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
	Totals for 31 selected industries.	3,489	32.4	\$21,894,725	2.9	19,455	7.2	\$9,845,144	6.5
1	Agricultural implements.	10	12.2	261,237	0.4	48	0.3	18,728	0.2
2	Boots and shoes .....	10	22.7	51,255	1.4	61	1.5	25,952	1.4
3	Boxes, wooden packing.....	14	26.9	84,455	1.8	101	2.8	32,050	2.1
4	Bread and other bakery products..	712	50.7	2,449,718	18.1	2,018	27.2	1,212,227	29.5
5	Brick and tile.....	152	35.0	1,897,110	14.6	1,337	24.5	598,441	19.6
6	Butter.....	185	53.0	690,172	44.6	212	41.8	120,599	41.0
7	Carriages and wagons.....	122	42.1	1,034,029	9.5	645	15.4	372,934	16.1
8	Cars and gen'l shop const. and repairs by steam railroad companies	18	18.2	194,415	1.5	176	0.9	108,969	0.9
9	Clothing, men's.....	275	46.8	696,878	3.7	4,660	23.0	1,953,605	19.9
01	Clothing, women's.....	52	27.2	149,630	4.2	541	11.5	250,523	11.4
11	Confectionery.....	26	29.9	125,235	3.4	151	4.2	58,994	5.0
12	Coppersmithing and sheet iron working.....	121	54.0	566,599	18.7	550	27.6	373,992	26.9
13	Elec. mach., apparatus and sup....	30	28.9	220,410	1.0	168	2.8	96,034	3.0
14	Flour and grist mill products.....	129	35.5	957,532	6.8	207	8.6	83,653	6.9
15	Foundry and machine shop prod....	196	26.9	2,175,580	2.8	1,192	3.6	720,979	3.6
16	Furniture.....	47	23.3	221,906	1.3	287	2.3	174,244	2.6
17	Gas, illuminating and heating.....	17	26.6	675,916	0.7	48	1.6	27,059	1.6
18	Liquors, malt.....	13	11.2	551,915	1.4	82	2.0	46,955	1.6
19	Lumber and timber products.....	75	27.9	484,851	8.0	599	13.3	245,309	12.9
20	Lumber, planing mill products, including sash doors and blinds....	70	25.9	521,128	4.7	376	5.4	221,505	5.6
21	Musical instruments, pianos.....	5	13.9	55,107	0.4	23	0.4	14,138	0.4
22	Paints.....	12	30.8	788,992	10.0	40	3.9	22,232	3.7
23	Patent medicines and compounds..	75	28.8	532,455	9.5	185	13.4	90,274	15.6

Table 27a—Concluded.

Number.	INDUSTRY.	VALUE OF PRODUCT \$5,000 BUT LESS THAN \$20,000.							
		ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND WAGES			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
24	Pottery, terra cotta and fire clay products .....	8	17.8	\$ 292,524	4.4	129	5.3	\$ 56,214	4.5
25	Printing and publishing, book and job.....	271	81.3	1,555,105	8.8	1,505	11.6	792,172	10.6
26	Printing and publishing, newspapers and periodicals.....	375	27.0	2,916,508	14.3	1,429	19.8	726,486	15.2
27	Slaughtering and meat packing, wholesale.....	3	5.1	20,920	(a)	4	(a)	1,526	(a)
28	Soap.....	8	23.5	39,544	0.5	18	1.0	10,296	1.2
29	Structural iron work.....	20	23.8	86,610	1.3	108	2.7	70,172	2.9
30	Tinware.....	13	26.5	44,782	0.2	47	1.5	21,426	1.6
31	Tobacco, cigars and cigarettes....	424	23.7	1,549,407	30.1	2,505	37.5	1,300,004	37.5

TABLE 27b—Summary by Value of Products of 3,489 Establishments in Thirty-one of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being \$5,000 but less than \$20,000, with Per Cent of Total of Each Industry—1904.

Number.	INDUSTRIES.	\$5,000 BUT LESS THAN \$20,000.							
		ESTABLISH- MENTS.		EXPENSES.			VALUE OF PRODUCT.		
		Amount.	Per cent of total.	Miscel- laneous.	Per cent of total.	Material.	Per cent of total.	Amount.	Per cent of total.
	Total for thirty-one selected industries. ....	3,489	32.4	\$3,679,309	2.6	\$13,675,414	2.1	\$35,432,777	3.2
1	Agricultural implements ....	10	12.2	19,047	0.5	37,505	0.2	107,997	0.3
2	Boots and shoes .....	10	22.7	6,686	1.1	44,060	0.8	100,017	1.1
3	Boxes, wooden packing.....	14	26.9	5,910	1.7	103,750	2.3	172,644	2.3
4	Bread and other bakery products.....	712	50.7	374,630	20.9	3,871,025	27.1	7,017,148	26.9
5	Brick and tile .....	152	35.0	88,127	10.6	288,677	16.9	1,378,704	18.3
6	Butter .....	185	53.0	47,098	43.3	1,860,320	34.8	2,221,194	35.3
7	Carriages and wagons.....	122	42.1	60,235	7.1	389,870	8.0	1,108,296	11.3

Table 27b—Concluded.

Number.	INDUSTRIES.	\$5,000 BUT LESS THAN \$20,000.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous.	Per cent of total.	Material.	Per cent of total.	Amount.	Per cent of total.
8	Cars and general shop construction and repairs by steam railroad companies..	18	18.2	\$ 1,864	0.7	74,288	0.6	\$ 196,472	0.
9	Clothing, men's .....	275	46.8	144,006	1.6	213,878	0.8	2,747,068	5.
10	Clothing, women's .....	52	27.2	46,621	3.8	186,995	2.9	587,962	4.8
11	Confectionery .....	26	29.9	45,029	4.9	150,919	3.6	316,722	4.1
12	Coppersmithing and sheet iron working .....	121	54.0	74,451	16.5	509,708	20.8	1,211,019	22.1
13	Electrical machinery, apparatus and supplies. ....	30	28.9	51,141	2.6	114,570	1.5	322,976	1.9
14	Flour and grist mill products .....	129	35.5	40,135	5.0	1,138,016	3.3	1,436,249	3.6
15	Foundry and machine shop products .....	198	26.9	228,613	3.0	681,783	2.0	2,125,768	2.9
16	Furniture .....	47	23.3	50,743	2.2	161,626	1.7	503,647	2.3
17	Gas, illuminating and heating .....	17	26.6	27,189	1.1	51,462	1.2	156,832	1.0
18	Liquors, malt. ....	13	11.2	73,396	0.7	66,000	1.2	158,974	0.7
19	Lumber and timber products .....	75	27.9	82,476	12.8	249,392	7.5	806,022	11.4
20	Lumber, planing mill products, including sash, doors and blinds .....	70	25.9	37,501	3.5	373,152	3.5	794,675	4.4
21	Musical instruments, pianos. ....	5	13.9	6,235	0.4	9,890	0.2	40,625	0.4
22	Paints * .....	12	30.8	47,674	4.4	64,525	1.0	114,619	1.2
23	Patent medicines and compounds .....	75	28.8	151,013	3.5	222,162	9.1	752,184	7.0
24	Pottery, terra cotta, and fire clay products .....	8	17.8	17,130	3.3	26,040	3.4	91,891	2.8
25	Printing and publishing, book and job .....	271	31.3	436,992	7.7	695,803	8.3	2,747,372	9.7
26	Printing and publishing, newspapers and periodicals .....	375	27.0	890,029	12.7	588,499	8.5	3,765,360	13.2
27	Slaughtering and meat packing, wholesale. ....	3	5.1	611	†	27,696	‡	33,546	‡
28	Soap .....	8	23.5	11,213	0.5	41,753	0.5	77,571	0.5
29	Structural iron work. ....	20	23.8	19,936	3.1	94,898	2.0	238,130	2.5
30	Tinware .....	13	26.5	6,780	2.0	34,078	0.6	87,659	1.0
31	Tobacco, cigars and cigarettes .....	424	23.7	586,736	32.7	1,379,949	33.6	4,006,078	34.3

\* Includes two establishments with products valued at less than \$5,000.

† Includes one establishment with products valued at less than \$5,000.

‡ Less than one-tenth of one per cent.

Tables 28a and 28b show the record of 2,073 establishments operating in thirty-one of the thirty-nine selected industries. In this class of industries, that of foundry and machine shop products are the largest operators; the industry represents 12.9 per cent of the establishments; 18.3 per cent of the capital, employing 17.6 per cent of the wage earners, paying 19.1 per cent of the wages, and turned out 14.9 per cent of the total value of the products.

TABLE 28a—Summary by Value of Products of 2,073 Establishments in Thirty-seven of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being \$20,000, but less than \$100,000, with Per Cent of Total in Each Industry—1904.

Number.	INDUSTRIES.	VALUE OF PRODUCT \$20,000, BUT LESS THAN \$100,000.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
	Total for thirty-seven selected industries.....	2,073	19.2	\$64,675,144	8.6	37,722	14.0	\$21,009,738	13.9
1	Agricultural implements.....	16	19.5	1,065,336	1.5	324	2.1	161,641	1.8
2	Boots and shoes.....	11	25.0	363,282	9.9	326	8.3	112,547	6.0
3	Boxes, wooden packing.....	9	17.3	279,659	6.1	248	6.8	102,403	6.6
4	Bread and other bakery products.....	141	10.0	1,366,116	10.1	1,430	19.3	907,509	22.0
5	Brick and tile.....	58	13.3	5,147,694	39.6	1,581	28.9	918,284	30.1
6	Butter.....	105	30.1	671,642	43.5	264	52.1	156,884	53.3
7	Carriages and wagons.....	40	13.8	1,522,963	14.1	939	22.4	536,023	23.1
8	Cars and general shop construction and repairs by steam railroad companies.....	28	28.3	735,855	5.6	1,064	5.6	948,606	7.8
9	Cars, steam railroad, not including operations of railroad companies.....	4	0.8	129,889	0.8	72	0.8	45,281	0.8
10	Clothing, men's.....	115	19.6	1,382,172	7.4	3,439	17.0	1,566,409	16.0
11	Clothing, women's.....	87	45.6	968,801	27.2	1,807	38.5	799,501	36.4
12	Coffee and spice, roasting and grinding.....	5	20.0	81,440	1.3	61	6.4	29,574	6.8
13	Condensed milk.....	3	20.0	123,795	3.3	60	5.0	35,706	6.9
14	Confectionery.....	35	40.2	673,275	18.2	898	25.1	266,201	22.8
15	Coppersmithing and sheet iron work.....	59	26.4	1,026,697	33.9	781	39.3	537,420	38.7
16	Electrical machinery, apparatus and supplies.....	43	41.4	1,117,206	5.2	743	12.1	353,064	11.0

Table 28a—Concluded.

Number.	INDUSTRIES.	VALUE OF PRODUCT \$20,000, BUT LESS THAN \$100,000.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
17	Flour and grist mill products....	153	42.1	\$ 3,147,044	22.3	613	25.4	\$ 282,039	23.3
18	Foundry and machine shop products.....	268	36.4	11,015,318	14.1	6,628	20.1	4,003,086	20.2
19	Furniture.....	78	39.6	2,683,646	15.9	2,297	18.7	1,228,891	18.5
20	Gas, illuminating and heating...	29	45.3	5,208,453	5.4	426	14.4	228,603	13.5
21	Iron and steel .....	3	11.1	441,943	0.8	42	0.2	28,341	0.2
22	Leather, tanned, curried and finished .....	7	25.0	383,817	3.3	105	3.8	52,668	4.0
23	Liquors, malt .....	32	27.6	3,394,651	8.7	330	8.2	228,819	7.6
24	Lumber and timber products ....	35	13.0	1,100,853	18.3	1,251	27.9	521,962	27.4
25	Lumber, planing mill products, including sash, doors and blinds	119	44.1	3,967,267	36.1	2,633	37.6	1,603,612	40.4
26	Malt.....	4	19.0	332,314	2.5	19	3.8	11,611	3.1
27	Musical instruments, pianos.....	8	22.2	564,833	3.8	202	3.2	102,262	3.1
28	Paints.....	11	28.2	513,281	6.6	73	7.1	48,197	8.1
29	Patent medicines and compounds	48	18.5	1,205,923	21.6	343	24.9	158,744	27.4
30	Pottery, terra cotta, and fire clay products .....	14	31.1	2,068,956	31.6	579	24.0	235,516	22.9
31	Printing and publishing, book and job .....	187	21.6	4,069,449	23.1	3,689	28.5	2,116,697	28.3
32	Printing and publishing, newspapers and periodicals .....	175	12.6	4,789,747	23.6	1,476	20.5	993,674	20.7
33	Slaughtering and meat packing, wholesale .....	13	22.0	288,933	0.4	78	0.3	45,643	0.3
34	Soap .....	10	29.4	301,056	4.0	90	4.7	41,278	4.6
35	Structural iron work .....	31	36.9	984,918	14.6	662	16.6	402,625	16.8
36	Tinware.....	12	24.5	269,668	1.2	258	8.4	131,619	9.8
37	Tobacco, cigars and cigarettes...	81	4.5	1,310,482	25.4	1,929	28.9	1,040,555	30.0

TABLE 28b—Summary by Value of Products of 2,073 Establishments in Thirty-seven of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being \$20,000, but less than \$100,000, with Per Cent of Total in Each Industry—1904.

Number.	INDUSTRIES.	VALUE OF PRODUCT \$20,000, BUT LESS THAN \$100,000.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCTS.	
		Number.	Per cent of total.	Miscellaneous.	Per cent of total.	Materials.	Per cent of total.	Amount.	Per cent of total.
	Total for thirty-seven selected industries....	2,073	19.2	\$11,095,096	7.9	\$40,080,066	6.0	\$91,289,494	8.4
1	Agricultural implements...	16	19.5	63,595	1.6	371,923	2.1	757,247	2.0
2	Boots and shoes .....	11	25.0	25,379	4.4	291,617	5.1	534,503	5.9
3	Boxes, wooden, packing...	9	17.3	29,429	8.6	226,491	5.2	454,159	6.2
4	Bread and other baking products .....	141	10.0	220,862	12.4	2,757,148	19.3	4,730,622	18.1
5	Brick and tile .....	58	13.3	271,042	33.6	501,739	29.4	2,241,130	29.7
6	Butter* .....	105	30.1	56,731	52.2	3,351,868	62.6	3,898,573	62.0
7	Carriages and wagons .....	40	13.8	188,902	22.4	786,999	15.7	1,833,797	18.7
8	Cars and general shop construction and repairs by steam railroad companies	28	28.3	21,129	8.6	573,309	4.7	1,336,264	5.2
9	Cars, steam railroad, not including operations of railroad companies.....	4	0.8	5,928	0.5	54,479	0.3	123,537	0.4
10	Clothing, men's .....	115	19.6	510,748	5.6	2,149,352	7.9	4,976,221	9.0
11	Clothing, women's.....	87	45.6	272,041	22.3	1,842,026	29.1	3,635,678	29.7
12	Coffee and spice, roasting and grinding.....	5	20.0	16,504	1.3	130,368	1.0	224,035	1.4
13	Condensed milk.....	3	20.0	3,120	0.8	99,674	1.9	130,025	1.9
14	Confectionery.....	35	40.2	193,410	21.0	913,410	21.7	1,779,040	23.3
15	Coppersmithing and sheet iron working.....	59	26.4	158,207	35.2	978,921	39.9	2,211,938	40.3
16	Electrical machinery, apparatus and supplies.....	43	41.4	275,478	14.0	794,481	10.4	1,973,585	11.8
17	Flour and grist mill prod'ts	153	42.1	154,344	19.2	5,871,217	16.8	6,983,783	17.5
18	Foundry and machine shop products .....	268	36.4	1,442,207	18.7	4,950,624	16.6	13,559,326	18.6
19	Furniture .....	78	38.6	386,304	16.4	1,457,976	15.3	3,840,375	17.3
20	Gas, illuminating and heating .....	29	45.3	236,877	9.9	425,375	9.4	1,345,169	8.4
21	Iron and steel.....	3	11.1	35,340	0.8	69,647	0.1	139,524	0.2
22	Leather, tanned, curried and finished.....	7	25.0	12,972	3.0	241,943	3.0	342,215	3.2
23	Liquors, malt.....	32	27.6	522,958	4.6	509,806	9.7	1,646,448	6.9
24	Lumber and timber prod'ts	35	13.0	145,398	22.6	477,227	14.3	1,564,069	22.1

Table 28b—Concluded.

Number.	INDUSTRIES.	VALUE OF PRODUCT \$20,000 BUT LESS THAN \$100,000.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCTS.	
		Number.	Per cent of total.	Miscellaneous.	Per cent of total.	Materials.	Per cent of total.	Amount.	Per cent of total.
25	Lumber, planing mill products, including sash, doors and blinds.....	119	44.1	\$ 397,504	37.5	\$2,776,968	26.4	\$5,711,891	31.2
26	Malt .....	4	19.0	157,291	28.6	158,860	2.4	192,939	2.3
27	Musical instruments, pianos .....	8	22.2	47,456	3.3	174,018	3.9	420,064	3.7
28	Paints.....	11	23.2	80,500	7.4	328,062	5.0	550,210	5.8
29	Patent medicines and compounds.....	48	18.5	736,566	17.2	618,734	25.4	2,232,877	20.9
30	Pottery, terra cotta, and fire clay products.....	14	31.1	93,065	17.7	201,951	27.6	726,613	2.3
31	Printing and publishing, book and job.....	187	21.6	1,533,775	27.0	1,961,169	23.3	7,817,699	27.7
32	Printing and publishing, newspapers and periodicals.....	175	12.6	2,077,730	29.6	1,341,129	19.4	7,314,127	25.5
33	Slaughtering and meat packing, wholesale.....	13	22.0	19,315	0.2	467,403	0.2	614,976	0.2
34	Soap .....	10	29.4	52,021	2.4	234,352	2.5	404,396	2.8
35	Structural iron work.....	31	36.9	162,614	25.5	820,070	17.1	1,647,485	17.1
36	Tinware .....	12	24.5	38,673	11.5	211,539	3.6	530,250	5.9
37	Tobacco, cigars and cigarettes.....	81	4.5	439,921	24.5	1,173,593	23.5	3,132,309	26.8

\* Includes two establishments with products valued at \$100,000, but less than \$1,000,000.

† Includes one establishment with products valued at \$5,000, but less than \$20,000.

‡ Includes one establishment with products valued at less than \$5,000.



Tables 29a and 29b gives the record of each of the items considered, in 1,009 establishments. The value of the product of each of these establishments ranges from \$100,000, but less than \$1,000,000, the total aggregating \$298,151,747.

TABLE 29a—Summary by Value of Products, of 1,009 Establishments in Thirty-eight of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being \$100,000, but less than \$1,000,000, with Per Cent of Total in Each Industry—1904.

Number.	INDUSTRIES.	VALUE OF PRODUCT—\$100,000 BUT LESS THAN \$1,000,000.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
	Total for thirty-eight selected industries.....	1,009	9.4	\$247,980,025	32.8	99,112	36.7	\$55,835,778	36.9
1	Agricultural implements.....	32	39.0	15,938,916	22.3	4,186	27.3	2,304,252	26.1
2	Boots and shoes.....	19	43.2	3,224,784	88.2	3,555	90.1	1,724,740	92.5
3	Boxes, wooden packing.....	20	38.5	4,248,344	91.7	3,263	89.7	1,410,995	91.0
4	Bread and other bakery products.....	27	1.9	8,863,245	65.6	3,565	48.1	1,801,112	43.8
5	Brick and tile.....	11	2.5	5,078,698	39.1	1,942	35.6	1,300,280	42.6
6	Carriages and wagons.....	22	7.6	7,911,322	73.0	2,413	57.7	1,308,231	56.4
7	Cars and general shop construction and repairs by steam railroad companies.....	39	39.4	4,514,145	34.1	9,272	48.6	5,679,172	46.9
8	Cars, steam railroad, not including operations of railroad companies.....	6	7.8	1,209,334	7.8	1,050	11.6	598,917	10.1
9	Clothing, men's.....	66	11.2	7,440,161	39.5	4,127	20.3	2,292,850	23.4
10	Clothing, women's.....	30	15.7	2,424,754	68.2	2,292	48.9	1,125,343	51.2
11	Coffee and spice, roasting and grinding.....	16	64.0	2,064,545	31.8	236	24.8	125,178	29.0
12	Condensed milk.....	12	80.0	3,578,615	96.7	1,129	95.0	478,747	93.1
13	Confectionery.....	21	24.1	2,902,370	78.3	2,526	70.4	839,942	71.8
14	Coppersmithing and sheet iron working.....	11	4.9	1,346,584	44.5	595	29.9	439,311	31.7
15	Electrical machinery, apparatus and supplies.....	15	24.4	2,928,553	13.5	1,110	18.1	534,451	16.7
16	Flour and grist mill products....	66	18.2	7,552,042	53.4	1,240	51.4	649,808	53.7
17	Foundry and machine shop products.....	132	17.9	44,569,304	56.9	17,763	53.9	10,742,400	54.3
18	Furniture.....	53	26.2	7,676,304	45.3	6,193	50.5	3,293,138	49.6
19	Gas, illuminating and heating....	14	21.9	91,102,715	93.8	2,486	83.9	1,437,760	84.8
20	Iron and steel.....	11	40.7	6,996,244	11.9	2,679	14.6	1,634,012	14.3

Table 29a—Concluded.

Number.	INDUSTRIES.	VALUE OF PRODUCT—\$100,000 BUT LESS THAN \$1,000,000.							
		ESTABLISH- MENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
21	Leather, tanned, curried and finished .....	18	64.3	\$ 3,970,552	34.1	1,451	52.4	\$ 697,509	52.6
22	Liquors, distilled .....	3	27.3	126,564	2.3	15	2.2	10,485	2.6
23	Liquors, malt .....	65	56.0	35,013,068	89.3	3,611	89.5	2,723,468	90.6
24	Lumber and timber products ....	12	4.5	4,071,861	67.7	2,374	52.8	1,036,225	54.4
25	Lumber, planing mill products, including sash, doors and blinds	48	17.8	6,402,610	58.2	3,931	56.2	2,119,258	53.4
26	Malt .....	17	81.0	13,193,195	97.5	488	96.2	366,452	96.9
27	Musical instruments, pianos .....	23	63.9	14,288,232	96.8	6,043	96.4	3,163,018	96.5
28	Paints .....	13	33.3	3,543,296	45.3	551	53.5	306,863	51.6
29	Patent medicines and compounds	18	6.9	3,659,654	65.6	768	55.6	297,031	51.3
30	Pottery, terra cotta and fire clay products .....	12	26.7	4,188,397	63.4	1,693	70.1	896,212	72.1
31	Printing and publishing, book and job .....	61	7.0	11,369,149	64.3	7,372	57.0	4,383,427	58.6
32	Printing and publishing, newspapers and periodicals .....	33	2.4	4,594,519	22.6	1,754	24.4	1,236,637	25.8
33	Slaughtering and meat packing, wholesale .....	28	47.5	2,539,446	3.2	868	3.3	548,468	3.8
34	Slaughtering, wholesale, not including meat packing .....	6	66.7	192,100	45.2	138	51.1	92,308	54.8
35	Soap .....	8	23.5	1,045,971	13.8	497	26.1	265,956	30.0
36	Structural iron work .....	25	29.8	5,663,918	83.9	3,220	80.5	1,921,392	80.1
37	Tinware .....	10	20.4	22,581,216	98.5	2,744	89.5	1,183,862	87.8
38	Tobacco, cigars and cigarettes ..	8	0.5	1,083,146	20.1	1,048	15.7	593,890	17.2

TABLE 29b—Summary by Value of Product of 1,009 Establishments in Thirty-eight of the Thirty-nine Selected Industries. The Value of the Product of each Establishment being \$100,000, but less than \$1,000,000, with Per Cent of Total in Each Industry—1904.

Number.	INDUSTRIES.	VALUE OF \$100,000, BUT LESS THAN \$1,000,000.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous.	Per cent of total.	Materials.	Per cent of total.	Amount.	Per cent of total.
	Totals for thirty-eight selected industries....	1,009	9.4	\$40,399,604	28.7	\$154,251,590	23.3	\$298,151,747	27.2
1	Agricultural implements ..	32	39.0	1,347,101	34.0	4,804,091	27.1	10,524,153	27.4
2	Boots and shoes .....	19	43.2	547,563	94.4	5,317,239	94.0	8,384,020	92.9
3	Boxes, wooden packing ....	20	38.5	308,318	89.4	4,038,400	92.1	6,712,154	91.2
4	Bread and other bakery products .....	27	1.9	1,072,201	59.9	6,767,375	47.4	12,793,848	48.9
5	Brick and tile .....	11	2.5	441,650	53.1	815,422	47.8	3,350,965	44.4
6	Carriages and wagons.....	22	7.6	577,038	68.3	3,610,217	73.9	6,532,474	66.7
7	Cars and general shop construction and repairs by steam railroad companies	39	39.4	57,750	23.4	4,809,631	39.2	11,153,373	43.8
8	Cars, steam railroad, not including operations of railroad companies.....	6	7.8	91,280	7.6	1,238,441	5.8	2,100,043	6.8
9	Clothing, men's .....	66	11.2	4,625,278	50.4	10,227,033	37.6	20,764,616	37.6
10	Clothing, women's .....	30	15.7	895,270	73.3	4,291,324	67.8	7,952,665	65.0
11	Coffee and spice, roasting and grinding.....	16	64.0	433,488	33.7	4,626,413	37.1	5,901,547	37.5
12	Condensed milk .....	12	80.0	398,954	99.2	5,024,532	96.1	6,561,066	98.1
13	Confectionery .....	21	24.1	681,952	74.0	3,132,337	74.6	5,535,312	72.4
14	Coppersmithing and sheet iron working.....	11	4.9	209,690	46.6	924,322	37.7	1,962,285	35.7
15	Electrical machinery, apparatus and supplies .....	15	14.4	508,901	25.8	1,655,913	21.7	3,521,762	21.1
16	Flour and grist mill products .....	66	18.2	493,015	61.2	18,396,848	52.6	20,972,964	52.6
17	Foundry and machine shop products .....	132	17.9	4,481,024	58.2	17,934,004	60.3	41,107,069	56.3
18	Furniture.....	53	26.2	1,165,042	49.4	5,046,497	52.8	11,521,104	52.1
19	Gas, illuminating and heating .....	14	21.9	2,140,315	88.9	4,036,656	89.3	14,493,789	90.5
20	Iron and steel .....	11	40.7	451,115	10.4	3,258,063	5.7	6,161,205	7.0
21	Leather, tanned, curried and finished .....	18	64.3	255,868	59.8	4,949,216	60.5	6,425,754	59.7
22	Liquors, distilled.....	3	27.3	473,931	1.0	79,474	1.2	581,663	1.1
23	Liquors, malt .....	65	56.0	10,698,647	94.7	4,690,108	89.0	21,960,016	92.3

Table 29b—Concluded.

Number.	INDUSTRIES.	VALUE OF \$100,000, BUT LESS THAN \$1,000,000.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent of total.	Miscellaneous.	Per cent of total.	Materials.	Per cent of total.	Amount.	Per cent of total.
24	Lumber and timber products.....	12	4.5	\$ 382,448	59.4	\$ 2,476,840	74.5	\$ 4,330,421	61.1
25	Lumber, planing mill products, including sash, doors and blinds.....	48	17.8	619,883	58.4	7,325,706	69.7	11,694,489	63.9
26	Malt.....	17	81.0	392,014	71.4	6,543,842	97.6	8,346,931	97.7
27	Musical instruments, pianos	23	63.9	1,411,208	96.3	4,319,267	95.9	10,871,798	95.9
28	Paints.....	13	33.3	448,180	41.2	2,813,681	43.1	4,289,835	45.2
29	Patent medicines and compounds.....	18	6.9	3,328,877	77.6	1,529,506	62.6	7,431,300	69.7
30	Pottery, terra cotta and fire-clay products.....	12	26.7	412,731	78.7	501,458	68.5	2,418,058	74.3
31	Printing and publishing, book and job.....	61	7.0	3,599,691	63.3	5,546,685	65.8	16,899,928	59.7
32	Printing and publishing, newspapers and periodicals.....	33	2.4	1,709,246	24.3	1,690,092	24.3	6,827,377	23.8
33	Slaughtering and meat packing, wholesale.....	28	47.5	359,897	2.8	8,301,162	3.0	9,858,306	3.2
34	Slaughtering, wholesale, not including meat packing.....	6	66.7	50,906	56.9	2,262,871	34.8	2,501,670	34.0
35	Soap.....	8	23.5	400,090	18.3	1,292,360	13.8	2,261,196	16.0
36	Structural iron work.....	25	29.8	452,373	71.1	3,864,722	80.7	7,727,777	80.2
37	Tinware.....	10	20.4	288,469	85.9	5,539,042	95.5	8,107,423	92.6
38	Tobacco, cigars and cigarettes.....	8	0.5	327,723	18.3	678,325	16.5	1,876,704	16.1

Tables 30a and 30b present similar statistics for 130 establishments in seventeen industries, each reporting a product of \$1,000,000 and over. The average capital invested by these 130 establishments was \$3,177,568 and the average value of their products \$5,075,681.

TABLE 30a—Summary by Value of Products of 130 Establishments in Seventeen of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being \$1,000,000 and Over, with Per Cent of Total in each Industry—1904.

Number.	INDUSTRIES.	VALUE OF PRODUCT \$1,000,000 AND OVER.							
		ESTABLISHMENTS.		CAPITAL.		WAGE EARNERS AND WAGES.			
		Number.	Per cent of total.	Amount.	Per cent of total.	Number.	Per cent of total.	Amount.	Per cent of total.
	Totals for 17 selected industries	130	1.2	\$413,083,875	54.6	107,891	40.0	\$62,162,926	41.1
1	Agricultural implements.....	9	11.0	54,033,211	75.7	10,779	70.2	6,355,770	71.8
2	Cars and gen'l shop const. and and repair by steam railroad companies.....	6	6.0	7,765,858	58.6	8,557	44.8	5,357,375	44.3
3	Cars, steam railroad, not in- cluding operations of railroad companies.....	6	91.4	14,123,603	91.4	7,914	87.6	5,296,563	89.1
4	Clothing, men's.....	12	2.0	9,104,030	48.3	7,405	36.5	3,763,976	38.4
5	Coffee and spice, roasting and grinding.....	4	16.0	4,342,175	66.9	656	68.8	277,137	64.2
6	Electrical mach., apparatus and supplies.....	4	3.8	17,351,835	80.2	4,096	66.8	2,211,556	69.0
7	Flour and grist mill products..	6	1.7	2,434,345	17.2	346	14.4	193,689	16.0
8	Foundry and mach. shop prod..	6	0.9	20,064,163	25.6	7,181	21.8	4,210,011	21.3
9	Furniture.....	4	2.0	6,305,480	37.2	3,452	28.2	1,924,784	29.0
10	Iron and steel.....	13	48.2	51,100,463	87.3	15,637	85.2	9,806,604	85.5
11	Leather, tanned, curried and finished.....	3	10.7	7,294,877	62.6	1,214	43.8	576,263	43.4
12	Liquors, distilled.....	8	72.7	5,329,445	97.7	677	97.8	396,554	97.4
13	Paints.....	3	7.7	2,968,018	38.1	365	35.5	217,765	36.6
14	Printing and publishing, news- papers and periodicals.....	4	0.3	6,158,909	30.3	1,341	18.6	1,396,931	29.2
15	Slaughtering and meat pack- ing, wholesale.....	15	25.4	77,202,869	96.4	25,713	96.4	13,796,637	95.9
16	Slaughtering, wholesale, not including meat packing.....	3	33.3	233,000	54.8	132	48.9	76,195	45.2
17	Soap.....	3	8.9	6,170,949	81.1	1,294	67.9	567,479	64.0

TABLE 30b—Summary by Value of Products of 130 Establishments in Seventeen of the Thirty-nine Selected Industries, the Value of the Product of Each Establishment being \$1,000,000 and Over, with Per Cent of Total in each Industry—1904.

Number.	INDUSTRIES.	VALUE OF PRODUCT, \$1,000,000 AND OVER.							
		ESTABLISHMENTS.		EXPENSES.				VALUE OF PRODUCT.	
		Number.	Per cent.	Miscellaneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
	Totals for seventeen selected industries.....	120	1.2	\$84,305,463	59.9	\$451,863,253	68.1	\$659,838,569	60.3
1	Agricultural implements....	9	11.0	2,528,644	63.8	12,523,396	70.5	26,977,122	70.2
2	Cars and general shop construction and repairs by steam railroad companies	6	6.0	165,544	67.1	6,802,068	55.4	12,779,945	50.1
3	Cars, steam railroad, not including operations of railroad companies.....	6	91.4	1,106,887	91.9	19,879,838	93.9	28,702,884	92.8
4	Clothing, men's .....	12	2.0	2,860,245	42.1	14,570,908	53.6	26,345,699	47.7
5	Coffee and spice, roasting and grinding.....	4	16.0	834,631	65.0	7,726,181	61.9	9,619,475	61.1
6	Electrical machinery, apparatus and supplies .....	4	3.8	1,128,560	57.2	5,073,751	66.3	10,863,524	65.0
7	Flour and grist mill products.....	6	1.7	117,244	14.5	9,504,513	27.2	10,461,931	26.2
8	Foundry and machine shop products .....	6	0.9	1,499,509	19.5	6,163,600	20.7	15,839,332	21.7
9	Furniture.....	4	2.0	749,252	31.8	2,866,525	30.0	6,215,863	28.1
10	Iron and steel .....	13	48.2	3,854,496	86.8	54,327,485	94.2	81,062,032	92.8
11	Leather, tanned, curried and finished.....	3	10.7	159,121	37.2	2,982,629	36.5	3,990,227	37.1
12	Liquors, distilled .....	8	72.7	45,375,819	99.0	6,326,902	98.8	53,520,142	98.9
13	Paints .....	3	7.7	510,148	47.0	3,316,839	50.9	4,529,616	47.8
14	Printing and publishing, newspapers and periodicals .....	4	0.3	2,040,202	29.0	2,965,778	42.9	8,850,109	30.9
15	Slaughtering and meat packing, wholesale.....	15	25.4	12,493,228	97.0	264,559,605	96.8	299,346,802	96.6
16	Slaughtering, wholesale, not including meat packing .....	3	33.3	38,573	43.1	4,285,822	65.2	4,850,782	66.0
17	Soap .....	3	8.9	1,719,296	78.6	7,772,301	83.2	11,404,690	80.6

Tables 31a and 31b show, in condensed form and by classification of the value of products, the totals with per cent of each item in each class, for all industries and for the 14,921 establishments in the State under consideration; also for the thirty-nine selected industries conducted by 10,774 establishments and all other industries not enumer-

ated but operated by 4,147 establishments. The average value of products for all of the establishments considered was \$94,521; for the establishments represented in the thirty-nine industries it was \$101,612 and for all other establishments \$76,096. The establishments in the thirty-nine selected industries represent very large per cents in all of the items shown; they represent 72.2 per cent of the establishments; these have 77.4 per cent of the capital invested; 71.1 per cent of the wage earners were employed in these establishments, to whom was paid 72.6 per cent of the total wages. The expenses or outlay for all manner of incidentals, including the cost of material used in the thirty-nine industries, constituted 79.4 per cent of the total for the State, while the value of the product was 77.6 per cent of the total for all industries.

TABLE 31a—*Summary and Classification of Establishments in the State, in Thirty-nine Selected Industries and in All Other Industries, by Value of Products, with Per Cent in Each Class—1904.*

CLASSIFICATION BY VALUE OF PRODUCTS.	ESTABLISHMENTS		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
The State—all other industries	14,921	100.0	\$975,844,799	100.0	379,436	100.0	\$208,405,468	100.0
Thirty-nine industries .....	10,774	72.2	\$755,781,294	77.4	269,747	71.1	\$151,205,072	72.6
All other industries .....	4,147	27.8	220,063,505	22.6	109,689	28.9	57,200,396	27.4
The State—less than \$5,000 ...	5,208	100.0	10,552,366	100.0	7,086	100.0	3,013,250	100.0
Thirty-nine industries .....	4,073	78.2	\$8,147,525	77.2	5,577	78.7	\$2,351,486	78.0
All other industries .....	1,135	21.8	2,404,841	22.8	1,509	21.3	661,764	22.0
The State—\$5,000, but less than \$20,000 .....	4,795	100.0	31,521,858	100.0	26,594	100.0	13,499,918	100.0
Thirty-nine industries .....	3,489	72.8	\$21,894,725	69.5	19,455	73.2	\$9,845,144	72.9
All other industries .....	1,306	27.2	9,627,133	30.5	7,139	26.8	3,654,774	27.1
The State—\$20,000, but less than \$100,000 .....	3,157	100.0	\$102,718,481	100.0	60,375	100.0	32,548,894	100.0
Thirty-nine industries .....	2,703	85.7	\$64,675,144	63.0	37,722	62.5	\$21,009,738	64.5
All other industries .....	1,084	34.3	38,043,337	37.0	22,653	37.5	11,539,156	35.5
The State—\$100,000, but less than \$1,000,000 .....	1,593	100.0	360,254,239	100.0	156,171	100.0	84,634,258	100.0
Thirty-nine industries .....	1,009	62.7	\$247,980,025	68.8	99,112	63.5	\$55,835,778	66.0
All other industries .....	584	37.3	112,274,214	31.2	57,059	36.5	28,798,480	34.0
The State—\$1,000,000 and over	168	100.0	470,797,855	100.0	129,210	100.0	74,709,148	100.0
Thirty-nine industries .....	130	77.4	\$413,083,875	87.7	107,881	83.5	62,162,926	83.2
All other industries .....	38	22.6	57,713,980	12.3	21,329	16.5	12,546,222	16.8

TABLE 31b—*Summary and Classification of Establishments in the State, in Thirty-nine Selected Industries and in All Other Industries, by Value of Products, with Per Cent in Each Class—1904.*

CLASSIFICATION BY VALUE OF PRODUCTS.	ESTABLISHMENTS		EXPENSES.				VALUE OF PRODUCTS.	
	Number.	Per cent.	Miscel.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
The State—All industries .....	14,921	100.0	\$172,185,567	100.0	\$840,057,316	100.0	\$1,410,342,129	100.0
Thirty-nine industries .....	10,774	72.2	140,760,100	81.7	663,125,782	78.9	1,094,771,438	77.6
All other industries .....	4,147	27.8	31,425,467	18.3	176,931,534	21.1	315,570,691	22.4
The State—Less than \$5,000 .....	5,208	100.0	1,628,643	100.0	4,150,877	100.0	12,892,051	100.0
Thirty-nine industries .....	4,073	78.2	1,290,628	78.7	3,255,459	78.4	10,058,851	78.0
All other industries .....	1,135	21.8	348,015	21.3	895,418	21.6	2,833,200	22.0
The State—\$5,000, but less than \$20,000 .....	4,795	100.0	5,166,080	100.0	18,722,928	100.0	49,128,916	100.0
Thirty-nine industries .....	3,489	72.8	3,679,309	71.2	13,675,414	73.0	35,432,777	72.1
All other industries .....	1,306	27.2	1,486,771	28.8	5,048,514	27.0	13,696,139	27.9
The State—\$20,000, but less than \$100.00 .....	3,157	100.0	16,596,262	100.0	63,195,668	100.0	142,152,026	100.0
Thirty-nine industries .....	2,073	65.7	11,095,096	66.9	40,090,066	63.4	91,299,494	64.2
All other industries .....	1,084	34.3	5,491,166	33.1	23,115,602	36.6	50,862,532	35.8
The State—\$100,000, but less than \$1,000,000 .....	1,593	100.0	57,401,094	100.0	235,661,371	100.0	451,011,747	100.0
Thirty-nine industries .....	1,009	62.7	40,399,604	70.4	154,251,590	65.5	298,151,747	66.1
All other industries .....	584	37.3	17,001,490	29.6	81,409,781	34.5	152,860,000	33.9
The State—\$1,000,000 and over .....	168	100.0	91,405,488	100.0	518,325,472	100.0	755,157,399	100.0
Thirty-nine industries .....	130	77.4	84,305,463	92.2	451,863,253	87.2	659,838,569	87.4
All other industries .....	38	22.6	7,100,025	7.8	66,462,219	12.8	95,318,820	12.6



Tables 32a and 32b present the totals by classified values of the products for the State, the thirty-nine selected industries and all other industries.

There were 168 establishments, each of which reported products valued at \$1,000,000 or more. These, however, formed only 1.1 per cent of the total of the State, but employed 34 per cent of the wage earners and paid 35.9 per cent of the total wages. Their products had a valuation of 53.5 per cent of the entire production.

TABLE 32a—*Summary and Classification of Establishments Giving the Totals for the State, the Thirty-nine Selected Industries, and All Other Industries, by Value of Products, with Per Cent in Each Class—1904.*

CLASSIFICATION BY VALUE OF PRODUCTS.	ESTABLISHMENTS		CAPITAL.		WAGE EARNERS AND WAGES.			
	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
The State .....	14,921	100.0	\$975,844,799	100.0	379,436	100.0	\$208,405,468	100.0
Less than \$5,000 .....	5,208	34.9	\$910,552,366	1.1	7,086	1.9	\$3,012,250	1.4
\$5,000 but less than \$20,000 .....	4,795	32.1	31,521,858	3.2	26,594	7.0	13,499,918	6.5
\$20,000 but less than \$100,000 .....	3,157	21.2	102,718,481	10.5	60,375	15.9	32,548,894	15.6
\$100,000 but less than \$1,000,000 .....	1,598	10.7	360,254,239	36.9	156,171	41.2	84,634,258	40.6
\$1,000,000 and over .....	168	1.1	470,797,855	48.3	129,210	34.0	74,709,148	35.9
Total for 39 selected industries	10,774	100.0	\$755,781,294	100.0	269,747	100.0	\$151,205,072	100.0
Less than \$5,000 .....	4,073	37.8	\$ 8,147,525	1.1	5,577	2.1	\$ 2,351,486	1.6
\$5,000 but less than \$20,000 .....	3,489	32.4	21,894,725	2.9	19,455	7.2	9,845,144	6.5
\$20,000 but less than \$100,000 .....	2,073	19.2	64,675,144	8.6	37,722	14.0	21,009,738	13.9
\$100,000 but less than \$1,000,000 .....	1,009	9.4	247,980,025	32.8	99,112	36.7	55,835,778	36.9
\$1,000,000 and over .....	130	1.2	413,083,875	54.6	107,881	40.0	62,162,926	41.1
Total for all other industries.	4,147	100.0	\$220,063,505	100.0	109,689	100.0	\$57,200,396	100.0
Less than \$5,000 .....	1,135	27.4	\$ 2,404,841	1.1	1,509	1.4	\$ 661,764	1.2
\$5,000 but less than \$20,000 .....	1,306	31.5	9,627,133	4.4	7,139	6.5	3,654,774	6.4
\$20,000 but less than \$1,000,000 .....	1,064	26.1	38,043,337	17.3	22,653	20.7	11,539,156	20.2
\$100,000 but less than \$1,000,000 .....	584	14.1	112,274,214	51.0	57,059	52.0	28,798,490	50.3
\$1,000,000 and over .....	38	0.9	57,713,980	26.2	21,329	19.4	12,546,222	21.9

TABLE 32b—*Summary and Classification of Establishments Giving the Totals for the State, the Thirty-nine Selected Industries, and All Other Industries, by Value of Products, with Per Cent in Each Class—1904.*

CLASSIFICATION BY VALUE OF PRODUCTS.	ESTABLISHMENTS		EXPENSES.				VALUE OF PRODUCTS.	
	Number.	Per cent.	Miscellaneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
The State.....	14,921	100.0	\$172,185,567	100.0	\$840,057,316	100.0	\$1,410,342,129	100.0
Less than \$5,000.....	5,208	34.9	\$ 1,626,643	1.0	\$ 4,150,877	0.5	\$ 12,892,051	0.9
\$5,000 but less than \$20,000..	4,795	32.1	5,166,080	3.0	18,723,928	2.2	49,128,916	3.5
\$20,000 but less than \$100,000	3,157	21.2	16,586,262	9.6	63,195,668	7.5	142,152,026	10.1
\$100,000 but less than \$1,000,000 .....	1,593	10.7	57,401,094	33.3	235,661,371	28.1	451,011,747	32.0
\$1,000,000 and over .....	168	1.1	91,405,488	53.1	518,325,472	61.7	755,157,899	53.5
Total for 39 selected industries.....	10,774	100.0	140,760,100	100.0	663,125,782	100.0	1,094,771,438	100.0
Less than \$5,000.....	4,073	37.8	\$ 1,280,628	0.9	\$ 3,255,459	0.5	\$ 10,058,851	0.9
\$5,000 but less than \$20,000..	3,489	32.4	3,679,309	2.6	13,675,414	2.1	35,432,777	3.2
\$20,000 but less than \$100,000	2,073	19.2	11,095,096	7.9	40,080,066	6.0	91,289,494	8.4
\$100,000 but less than \$1,000,000 .....	1,009	9.4	40,399,604	28.7	154,251,590	23.3	298,151,747	27.2
\$1,000,000 and over .....	130	1.2	84,305,463	59.9	451,863,253	68.1	659,838,569	60.3
Total for all other industries.....	4,147	100.0	31,425,467	100.0	176,931,534	100.0	315,570,691	100.0
Less than \$5,000.....	1,135	27.4	\$ 346,015	1.1	\$ 895,418	0.5	\$ 2,833,200	0.9
\$5,000 but less than \$20,000..	1,306	31.5	1,486,771	4.7	5,048,514	2.9	13,696,139	4.3
\$20,000 but less than \$100,000	1,064	26.1	5,491,166	17.5	23,115,602	13.1	50,862,532	16.1
\$100,000 but less than \$1,000,000 .....	584	14.1	17,001,490	54.1	81,409,781	46.0	152,860,000	48.4
\$1,000,000 and over .....	38	0.9	7,100,025	22.6	66,462,219	37.5	95,318,820	30.3

## COMPARATIVE SUMMARY FOR THIRTY-NINE LEADING INDUSTRIES.

Tables 33a and 33b present statistics for the years 1900 and 1904 for thirty-nine of the principal industries of the State. These tables show the totals for the State and for each industry, the items being the same as shown in all former tables. The number of wage earners in 1904 in these selected industries, increased 14.0 per cent and the amount of wages paid 30.4 per cent, while the number of establishments increased only 4.2 per cent. Seven of the thirty-nine industries show a decrease in the number of wage earners, ranging from 3 per cent in cars, steam railroads, to 27.9 per cent in glucose. In the amount of wages paid, four of these same industries show a decrease from 2.3 per cent in agricultural implements to 18.2 per cent in music publishing. The other three industries show an increase in amount of wages paid, from 3.6 per cent in slaughtering and meat packing, to 29.3 per cent in newspaper publishing.

There were twenty-three industries in each of the two years employing less than 5,000 wage earners. In 1904 the total number of employes in these industries was 20.5 per cent of the total for that year and were paid 19.3 per cent of the total wages. For 1900 the total number constituted 19.9 per cent of the wage earners, to whom was paid 18.8 per cent of the total wages for that year. This shows sixteen of the thirty-nine selected industries for 1904 employing 79.5 per cent of the wage earners to whom was paid 80.7 per cent of the total wages.

For the year 1900 the same sixteen industries employed 80.1 per cent of the wage earners, paying 81.2 per cent of the wages.

For the year 1904, with the exception of two industries—pottery, terra cotta and fire clay products and printing and publishing music—each of the thirty-nine industries reported a value of products in excess of \$7,000,000. For the year 1900 nine of the industries shown in this table reported less than \$7,000,000 as the value of their products, namely: Boxes, wooden packing, brick and tile, pottery and terra cotta, confectionery, malt, paints, patent medicines, music publishing and wire. This latter industry made the remarkable increase of 389.7 per cent in the value of its products, while the number of establishments only increased from three to four, or 33.3 per cent. However, the number of wage earners in the same industry increased 208.8 per cent and the amount of wages paid 301 per cent.

Considering these thirty-nine leading industries, there was an increase in 1904, over 1900, in every item. The number of establishments increased 437 or 4.2 per cent; the capital invested, \$181,142,539, or 30.6 per cent; number of wage earners, 33,670, or 14 per cent; amount of wages paid, \$35,908,130, or 30.4 per cent; miscellaneous expenses, \$40,466,822, or 39.5 per cent; cost of material used, \$137,925,463, or 25.2 per cent; and value of products, \$240,957,289, or 27.3 per cent.

TABLE 33a—*Comparative Summary for Thirty-nine Selected Leading Per Cent of Increase, and of each Item of*

Number.	INDUSTRIES.	Rank.	Year.	ESTABLISHMENTS.	
				Number.	Per cent.
	Total for selected industries in State .....	{	1904	10,851	100.0
		{	1900	10,414	100.0
	Increase, 1900 to 1904 .....			437	
	Per cent of increase .....			4.2	
	Per cent of total of all manufacturing industries in State	{	1904	72.7	
		{	1900	72.5	
1	Agricultural implements .....	{	7 1904	82	0.8
		{	4 1900	94	0.9
	Per cent of increase .....			*12.8	
2	Boots and shoes .....	{	31 1904	44	0.4
		{	22 1900	54	0.5
	Per cent of increase .....			*18.5	
3	Boxes, wooden packing .....	{	35 1904	52	0.5
		{	36 1900	58	0.6
	Per cent of increase .....			*10.3	
4	Bread and other bakery products .....	{	11 1904	1,406	12.9
		{	14 1900	1,046	10.2
	Per cent of increase .....			32.1	
5	Carriages and wagons .....	{	29 1904	290	2.7
		{	26 1900	335	3.2
	Per cent of increase .....			*13.4	
6	Cars and general shop construction and repairs by steam railroad companies .....	{	12 1904	99	0.9
		{	13 1900	98	0.9
	Per cent of increase .....			1.0	
7	Cars, steam railroads, not including operation of railroad companies .....	{	8 1904	16	0.2
		{	8 1900	17	0.2
	Per cent of increase .....			*5.9	
8	Cheese, butter and condensed milk† .....	{	24 1904	405	3.7
		{	16 1900	527	5.1
	Per cent of increase .....			*23.1	

*Industries, Establishments, Capital, Wage Earners and Wages, with the Total for Each Year—1904 and 1900.*

CAPITAL.		WAGE EARNERS AND WAGES.			
Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
\$772,448,691	100.0	274,467	100.0	\$154,226,586	100.0
591,306,152	100.0	240,797	100.0	118,318,447	100.0
\$181,142,539	.....	33,670	.....	\$35,908,139	.....
30.6	.....	14.0	.....	30.4	.....
79.1	.....	72.3	.....	74.0	.....
90.7	.....	72.3	.....	74.4	.....
\$71,383,289	9.2	15,359	5.6	\$8,851,404	5.7
62,202,330	10.5	18,231	7.6	9,064,954	7.7
14.8	.....	*15.7	.....	*2.3	.....
\$3,656,671	0.5	3,947	1.4	\$1,865,319	1.2
3,375,482	0.6	4,461	1.9	1,959,959	1.7
8.3	.....	*11.5	.....	*4.8	.....
\$4,631,953	0.6	3,637	1.3	\$1,549,902	1.0
2,896,640	0.5	2,784	1.2	1,101,390	0.9
59.9	.....	30.6	.....	40.7	.....
\$13,515,431	1.8	7,415	2.7	\$4,115,443	2.3
7,294,290	1.2	5,559	2.3	2,566,895	2.2
85.3	.....	33.4	.....	60.3	.....
\$10,538,660	1.4	4,186	1.5	\$2,320,141	1.5
8,463,226	1.4	3,979	1.6	1,954,910	1.7
28.7	.....	5.2	.....	18.6	.....
\$13,241,626	1.7	19,095	7.0	\$12,104,522	7.9
11,726,424	2.0	13,803	5.7	7,422,527	6.3
12.9	.....	38.3	.....	63.1	.....
\$15,467,326	2.0	9,036	3.3	\$5,930,761	3.9
18,732,466	3.2	9,314	3.9	\$5,360,756	4.5
*17.4	.....	*3.0	.....	10.6	.....
\$5,322,352	0.7	1,735	0.6	\$328,577	0.5
4,465,752	0.8	1,483	0.6	696,688	0.6
19.32	.....	17.0	.....	18.9	.....

Table 33a—

Number.	INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
				Number.	Per cent.
	Clay products, total .....	}	1904	480	4.4
			1900	619	6.0
	Per cent of increase .....			*22.5	
9	Brick and tile .....	}	34 1904	435	4.0
			34 1900	566	5.4
	Per cent of increase .....			*23.1	
10	Pottery, terra cotta and fire clay products .....	}	38 1904	45	0.4
			38 1900	53	0.5
	Per cent of increase .....			*15.1	
	Clothing—Total.....	}	1904	779	7.2
			1900	1,069	10.3
	Per cent of increase .....			*27.1	
11	Men's.....	}	4 1904	558	5.4
			6 1900	900	8.6
	Per cent of increase .....			*34.7	
12	Women's.....	}	25 1904	191	1.8
			21 1900	169	1.6
	Per cent of increase.....			13.0	
13	Coffee and spice, roasting and grinding.....	}	18 1904	25	0.2
			17 1900	27	0.3
	Per cent of increase.....			*7.4	
14	Confectionery .....	}	33 1904	87	0.8
			31 1900	64	0.6
	Per cent of increase .....			35.9	
15	Electrical machinery apparatus, and supplies.....	}	16 1904	104	1.0
			18 1900	82	0.8
	Per cent of increase.....			26.8	
16	Flour and grist mill products.....	}	6 1904	363	3.4
			7 1900	353	3.4
	Per cent of increase.....			2.8	

Continued.

CAPITAL.		WAGE EARNERS AND WAGES.			
Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
\$19,596,095	2.5	7,879	2.9	\$4,296,138	2.8
12,710,709	2.2	7,229	3.0	2,971,907	2.5
54.2	.....	9.0	.....	44.6	.....
\$12,968,263	1.7	5,463	2.0	\$3,052,436	2.0
9,198,944	1.6	5,224	2.2	2,130,854	1.8
41.2	.....	4.6	.....	43.2	.....
\$6,607,832	0.9	2,416	0.9	\$1,243,702	0.8
3,511,765	0.6	2,005	0.8	841,053	0.7
86.2	.....	20.5	.....	47.9	.....
\$22,392,250	2.9	24,973	9.1	\$11,996,764	7.8
16,631,166	2.8	19,379	8.1	7,337,549	6.2
34.6	.....	28.9	.....	63.5	.....
\$18,834,691	2.4	20,283	7.4	\$9,799,156	6.4
13,684,712	2.3	14,977	6.2	5,845,245	5.0
37.6	.....	35.4	.....	67.6	.....
\$3,557,559	0.5	4,690	1.7	\$2,197,608	1.4
2,946,454	0.5	4,402	1.8	1,492,295	1.3
20.7	.....	6.5	.....	47.3	.....
\$6,488,160	0.8	953	0.4	\$431,869	0.3
5,225,103	0.9	930	0.4	372,737	0.3
24.2	.....	2.5	.....	15.9	.....
\$3,703,861	0.5	3,587	1.3	\$1,169,781	0.8
2,252,819	0.4	3,079	1.3	835,197	0.7
64.4	.....	16.5	.....	13.7	.....
\$21,644,783	2.8	6,131	2.2	\$3,203,435	2.1
11,641,177	2.0	6,048	2.5	2,818,274	2.4
86.9	.....	1.4	.....	13.7	.....
\$14,128,467	1.8	2,410	0.9	\$1,210,865	0.8
10,714,299	1.8	1,965	0.8	1,029,694	0.9
31.9	.....	22.6	.....	17.6	.....

Table 33a—

Number.	INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
				Number.	Per cent.
17	Foundry and machine shop products†.....	3	1904	793	7.3
		2	1900	758	7.3
	Per cent of increase.....			4.6	
18	Furniture.....	14	1904	202	1.9
		15	1900	148	1.4
	Per cent of increase.....			36.5	
19	Gas, illuminating and heating.....	17	1904	64	0.6
		24	1900	53	0.5
	Per cent of increase.....			20.8	
20	Glucose.....	19	1904	7	0.5
		22	1900	6	0.6
	Per cent of increase.....			16.7	
21	Iron and steel§.....	2	1904	27	0.3
		3	1900	26	0.3
	Per cent of increase.....			3.8	
22	Leather, tanned, curried and finished.....	27	1904	28	0.3
		29	1900	27	0.3
	Per cent of increase.....			3.7	
	Liquors, total.....	.....	1904	127	1.2
		.....	1900	114	1.1
	Per cent of increase.....			11.4	
23	Distilled.....	5	1904	11	0.1
		5	1900	20	0.2
	Per cent of increase.....			*45.0	
24	Malt.....	13	1904	116	1.1
		10	1900	94	0.9
	Per cent of increase.....			23.4	
25	Lumber and timber products.....	37	1904	269	2.5
		30	1900	406	3.9
	Per cent of increase.....			*34.1	



Continued.

CAPITAL.		WAGE EARNERS AND WAGES.			
Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
\$34,497,662	10.9	36,528	13.3	\$21,936,853	14.2
51,870,701	8.8	31,851	13.2	16,881,423	14.3
62.9		14.7		29.9	
\$16,936,222	2.2	12,266	4.5	\$6,637,897	4.3
10,170,833	1.7	9,757	4.1	4,449,932	3.4
68.5		25.7		49.2	
\$97,119,203	12.8	2,964	1.1	\$1,695,472	1.1
76,816,408	13.0	2,371	1.0	1,305,670	1.1
26.4		25.0		29.9	
\$ 9,728,911	1.3	1,933	0.7	\$1,235,203	0.8
31,978,783	5.4	2,680	1.1	1,423,805	1.2
*89.6		*27.9		*13.2	
\$58,538,650	7.6	18,358	6.7	\$11,468,957	7.4
43,275,739	7.3	16,642	6.9	9,640,716	8.2
35.3		10.3		19.0	
\$11,647,246	1.5	2,770	1.0	\$1,326,440	0.9
4,751,474	0.8	2,263	0.9	1,145,170	1.0
145.2		22.4		15.8	
\$44,458,860	5.8	4,725	1.7	\$3,411,482	2.2
35,962,891	6.1	3,607	1.5	2,251,787	1.9
23.6		31.0		51.5	
5,456,016	0.7	692	0.3	\$407,039	0.3
3,164,811	0.5	338	0.1	191,995	0.2
72.4		104.7		112.0	
39,002,844	5.1	4,033	1.5	\$3,004,443	2.0
32,798,060	5.6	3,269	1.4	2,059,792	1.7
18.9		23.4		45.9	
6,016,586	0	4,495	1.6	\$1,904,669	1.2
3,952,507	0.7	3,963	1.7	1,500,623	1.3
52.2		13.4		26.9	

Table 33a—

Number.	INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
				Number.	Per cent.
26	Lumber, planing mill products, including sash doors and blinds.....	15	1904	270	2.5
		19	1900	240	2.3
	Per cent of increase.....			12.5	
27	Malt.....	32	1904	21	0.2
		33	1905	14	0.1
	Per cent of increase.....			50.0	
27	Musical instruments, organs, pianos and materials .....	23	1904	56	0.5
		27	1905	45	0.4
	Per cent of increase.....			24.4	
29	Paints.....	30	1904	39	0.4
		32	1900	33	0.3
	Per cent of increase.....			18.2	
30	Patent medicines and compounds.....	28	1904	260	2.4
		35	1900	209	2.0
	Per cent of increase.....			24.4	
	Printing and publishing, total.....		1904	2,289	21.1
			1900	2,006	19.3
	Per cent of increase.....			14.1	
31	Book and job.....	10	1904	867	8.0
		9	1900	725	7.0
	Per cent of increase.....			19.6	
32	Music.....	39	1905	32	0.3
		39	1900	22	0.2
	Per cent of increase.....			45.5	
33	Newspapers and periodicals.....	9	1904	1,390	12.8
		11	1900	1,259	12.1
	Per cent of increase.....			10.4	

Continued.

CAPITAL.		WAGE EARNERS AND WAGES.			
Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
\$11,002,842	1.4	6,994	2.6	\$3,969,618	2.6
6,550,568	1.1	5,122	2.1	2,576,159	2.2
68.0	.....	36.5	.....	54.1	.....
\$13,525,509	1.8	502	0.2	\$378,063	0.2
16,800,974	2.8	398	0.2	300,132	0.3
19.5	.....	27.7	.....	26.0	.....
\$16,470,680	2.1	7,508	2.7	\$3,931,669	2.6
11,166,100	1.9	4,670	1.9	2,391,695	2.0
47.5	.....	60.8	.....	64.4	.....
\$7,828,577	1.0	1,029	0.4	\$595,077	0.4
3,397,850	0.6	702	0.3	348,674	0.3
131.1	.....	46.6	.....	70.7	.....
\$5,582,845	0.7	1,390	0.5	\$578,932	0.4
2,472,744	0.4	866	0.4	349,870	0.3
125.8	.....	59.4	.....	65.5	.....
\$38,478,147	5.0	20,178	7.4	\$12,294,261	8.0
25,995,896	4.4	17,986	7.5	8,767,901	9.4
48.0	.....	12.2	.....	40.2	.....
\$17,681,220	2.3	12,933	4.7	\$7,483,008	4.9
13,489,172	2.3	10,455	4.3	5,096,708	4.3
31.1	.....	23.7	.....	48.6	.....
\$459,631	0.1	40	*	\$21,970	*
247,145	*	53	*	26,857	*
86.0	.....	*24.5	.....	*18.2	.....
\$20,337,296	2.6	7,205	2.6	\$4,789,298	3.1
12,259,569	2.1	7,478	3.1	3,704,341	3.1
65.9	.....	*3.7	.....	29.3	.....

Table 33a—

Number.	INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
				Number.	Per cent.
	Slaughtering—Total .....	}	1904	68	0.6
			1900	64	0.6
	Per cent of increase .....			6.3	
34	Slaughtering and meat packing .....	}	1 1904	59	0.5
			1 1900	51	0.5
	Per cent of increase .....			15.7	
35	Slaughtering, not including meat packing .....	}	36 1904	9	0.1
			28 1900	13	0.1
	Per cent of increase .....			*30.8	
36	Soap and candles .....	}	21 1904	34	0.3
			23 1900	39	0.4
	Per cent of increase .....			*12.8	
37	Tinsmithing, coppersmithing and sheet iron working † .....	}	20 1904	273	2.5
			20 1900	271	2.6
	Per cent of increase .....			0.7	
38	Tobacco, cigars and cigarettes .....	}	26 1904	1,788	16.5
			25 1900	1,489	14.3
	Per cent of increase .....			20.1	
39	Wire .....	}	22 1904	4	*
			37 1900	3	*
	Per cent of increase .....			33.3	

\* Decrease.

† In 1904 includes establishments as follows: Butter, 349; cheese, 41; condensed milk, 15.

‡ In 1904 includes establishments as follows: Foundry and machine shop products, 736; stoves and furnaces, not including gas and oil stoves, 57.

§ In 1904 includes establishments as follows: Iron and steel, blast furnaces, 4; iron and steel, steel works and rolling mills, 23.

|| In 1904 includes establishments as follows: Musical instruments, organs, 13; musical instruments, pianos, 36; musical instruments, pianos and organ materials, 7. In 1900 includes musical instruments, organs and materials, 16; musical instruments, pianos and materials, 29.

¶ In 1904 includes establishments as follows: Coppersmithing and sheet iron working, 224; tinware, 49.

Concluded.

CAPITAL.		WAGE EARNERS AND WAGES.			
Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
\$80,477,268	10.4	26,953	9.8	\$14,560,777	9.4
71,229,262	12.1	27,861	11.6	14,044,838	11.9
13.0		*3.3		3.7	
\$80,052,168	10.4	26,683	9.7	\$14,392,274	9.3
70,782,361	12.0	27,626	11.5	13,898,950	11.8
13.1		*3.4		3.6	
\$425,100	0.1	270	0.1	\$168,503	0.1
446,901	0.1	235	0.1	145,898	0.1
*4.9		14.9		15.5	
\$7,604,086	1.0	1,905	0.7	\$886,761	0.6
6,529,133	1.1	1,556	0.7	560,416	0.5
16.5		22.4		58.2	
\$25,851,375	3.4	5,056	1.8	\$2,735,812	1.8
5,380,753	0.9	4,425	1.8	2,099,191	1.8
382.3		14.3		30.3	
\$5,157,197	0.7	6,675	2.4	\$3,463,018	2.3
3,200,934	0.5	5,221	2.2	2,452,674	2.1
61.1		27.8		41.2	
\$5,413,701	* 0.7	1,905	0.7	\$1,340,684	0.9
1,480,729	0.3	617	0.3	334,334	0.3
265.8		208.8		301.0	

TABLE 33b—*Comparative Summary for Thirty-nine Selected Leading Cent of Increase, and of Each Item of the*

INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
			Number.	Per cent.
Total for selected industries in State.....	{	1904	10,851	100.0
		1900	10,414	100.0
Increase, 1900 to 1905 .....			437	
Per cent of increase .....			4.2	
Per cent of total of all manufacturing industries in State	{	1904	72.7	
		1900	72.5	
Agricultural implements.....	{	7 1904	82	0.8
		4 1900	94	0.9
Per cent of increase .....			*12.8	
Boots and shoes.....	{	31 1904	44	0.4
		22 1900	54	0.5
Per cent of increase .....			*18.5	
Boxes, wooden packing .....	{	35 1904	52	0.5
		36 1900	58	0.6
Per cent of increase .....			*10.3	
Bread and other bakery products .....	{	11 1904	1,406	12.9
		14 1900	1,064	10.2
Per cent of increase .....			32.1	
Carriages and wagons .....	{	29 1904	290	2.7
		26 1900	335	3.2
Per cent of increase .....			*13.4	
Cars and general shop construction and repairs by steam railroad companies .....	{	12 1904	99	0.9
		13 1900	98	0.9
Per cent of increase .....			1.0	
Cars, steam railroad, not including operations of railroad companies .....	{	8 1904	16	0.2
		8 1900	17	0.2
Per cent of increase .....			*5.9	
Cheese, butter and condensed milk†.....	{	24 1904	405	3.7
		16 1900	527	5.1
Per cent of increase .....			*23.1	

*Industries, Establishments, Expenses and Value of Product, with Per Total, for Each Year—1904 and 1900.*

EXPENSES.				VALUE OF PRODUCT.	
Miscellaneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
\$142,886,087	100.0	\$684,318,052	100.0	\$1,123,537,645	100.0
102,371,265	100.0	546,387,589	100.0	882,630,356	100.0
\$40,463,822	.....	\$137,925,463	.....	\$240,957,299	.....
39.5	.....	25.2	.....	27.3	.....
83.3	.....	81.5	.....	79.7	.....
86.7	.....	80.2	.....	78.7	.....
\$3,960,647	2.8	\$17,750,852	2.6	\$38,412,452	3.4
5,346,224	5.2	18,859,517	3.5	42,033,796	4.8
*25.9	.....	*5.9	.....	*9.6	.....
\$590,076	0.4	\$5,656,109	0.8	\$9,026,238	0.8
347,774	0.3	6,334,625	1.2	9,375,842	1.1
66.8	.....	*10.7	.....	*3.7	.....
\$344,757	0.2	\$4,390,389	0.6	\$7,363,734	0.7
179,261	0.2	2,916,101	0.5	4,858,580	0.6
92.3	.....	50.2	.....	51.6	.....
\$1,789,329	1.3	\$14,279,499	2.1	\$26,145,472	2.3
1,394,799	1.4	8,193,002	1.5	15,878,861	1.8
28.3	.....	74.3	.....	64.7	.....
\$344,469	0.6	\$4,885,773	0.7	\$9,798,965	0.9
467,048	0.5	4,002,145	0.7	8,275,639	0.9
80.8	.....	22.8	.....	18.3	.....
\$246,687	0.2	\$12,267,971	1.8	\$25,491,209	2.3
267,497	0.3	8,286,776	1.5	16,580,424	1.9
*7.8	.....	45.4	.....	53.7	.....
\$1,204,085	0.8	\$21,172,758	3.1	\$30,926,464	2.8
483,271	0.5	17,075,461	3.1	24,845,606	2.8
149.2	.....	24.0	.....	24.5	.....
\$514,737	0.4	\$10,708,998	1.6	\$13,276,533	1.2
177,417	0.2	10,199,429	1.9	12,879,299	1.5
190.1	.....	5.0	.....	3.1	.....

Table 33b—

INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
			Number.	Per cent.
Clay products—Total.....	}	1904	480	4.4
		1900	619	6.0
Per cent of increase .....			*22.5	
Brick and tile.....	}	34 1904	435	4.0
		34 1900	566	5.4
Per cent of increase .....			*23.1	
Pottery, terra cotta and fire clay products .....	}	38 1904	45	0.4
		38 1900	53	0.5
Per cent of increase .....			*15.1	
Clothing—Total.....	}	1904	779	7.2
		1900	1,069	10.3
Per cent of increase .....			*27.1	
Men's.....	}	4 1904	588	5.4
		6 1900	900	8.6
Per cent of increase .....			*34.7	
Women's.....	}	25 1904	191	1.8
		21 1900	169	1.6
Per cent of increase .....			13.0	
Coffee and spice, roasting and grinding .....	}	18 1904	25	0.2
		17 1900	27	0.3
Per cent of increase .....			*7.4	
Confectionery.....	}	33 1904	87	0.8
		31 1900	64	0.6
Per cent of increase .....			35.9	
Electrical machinery—Apparatus and supplies .....	}	16 1904	104	1.0
		18 1900	82	0.8
Per cent of increase .....			26.8	
Flour and grist mill products.....	}	6 1904	363	3.4
		7 1900	353	3.4
Per cent of increase .....			2.8	



Continued.

EXPENSES.				VALUE OF PRODUCT.	
Miscellaneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
\$1,355,846	1.0	\$2,437,561	0.4	\$10,802,721	1.0
490,355	0.5	1,601,742	0.3	7,224,915	0.8
171.5	.....	52.2	.....	49.5	.....
\$331,309	0.6	\$1,705,475	0.3	\$7,546,409	0.7
326,909	0.3	1,025,681	0.2	5,061,394	0.6
154.0	.....	66.3	.....	48.5	.....
\$524,537	0.4	\$732,106	0.1	\$3,256,312	0.3
172,446	0.2	576,061	0.1	2,143,521	0.2
204.2	.....	27.1	.....	51.9	.....
\$10,388,228	7.3	\$33,523,635	4.9	\$67,439,617	6.0
8,208,792	8.0	23,230,069	4.3	47,153,491	5.3
26.6	.....	44.3	.....	43.0	.....
\$9,166,482	6.4	\$27,190,804	4.0	\$55,202,999	4.9
7,065,190	6.9	18,211,015	3.3	37,378,717	4.2
29.7	.....	49.3	.....	47.7	.....
\$1,221,846	0.9	\$6,332,831	0.9	\$12,236,618	1.1
1,143,662	1.1	5,019,654	0.9	9,774,774	1.1
6.8	.....	26.2	.....	25.2	.....
\$1,284,823	0.9	\$12,482,957	1.8	\$15,745,067	1.4
686,247	0.7	10,007,095	1.8	12,708,074	1.4
87.2	.....	24.7	.....	23.9	.....
\$921,457	0.6	\$4,201,876	0.6	\$7,645,621	0.7
618,007	0.6	3,762,814	0.7	6,460,586	0.7
49.1	.....	11.7	.....	18.3	.....
\$1,969,790	1.4	\$7,649,446	1.1	\$16,700,027	1.5
1,565,404	1.5	4,675,961	0.9	12,169,425	1.4
25.8	.....	63.6	.....	37.2	.....
\$905,646	0.6	\$34,929,657	5.1	\$39,892,127	3.6
525,051	0.5	24,936,897	4.6	28,575,357	3.3
53.4	.....	40.1	.....	39.6	.....

Table 33b—

INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
			Number.	Per cent.
Foundry and machine shop products.....	3	1904	798	7.3
		1900	758	7.3
Per cent of increase .....			4.6	
Furniture.....	14	1904	202	1.9
		1900	148	1.4
Per cent of increase .....			36.5	
Gas—Illuminating and heating .....	17	1904	64	0.6
		1900	53	0.5
Per cent of increase .....			20.8	
Glucose .....	19	1904	7	0.5
		1900	6	0.6
Per cent of increase .....			16.7	
Iron and steel.....	2	1904	27	0.3
		1900	26	0.3
Per cent of increase .....			3.8	
Leather—Tanned, curried and finished.....	27	1904	28	0.3
		1900	27	0.3
Per cent of increase .....			3.7	
Liquors—Total.....		1904	127	1.2
		1900	114	1.1
Per cent of increase .....			11.4	
Distilled.....	5	1904	11	0.1
		1900	20	0.2
Per cent of increase .....			*45.0	
Malt .....	13	1904	116	1.1
		1900	94	0.1
Per cent of increase .....			23.4	
Lumber and timber products.....	37	1904	269	2.5
		1900	408	3.9
Per cent of increase .....			*34.1	

Continued.

EXPENSES.				VALUE OF PRODUCT.	
Miscellaneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
8,795,938	6.2	32,071,517	4.7	79,961,482	7.1
4,631,669	4.5	28,603,391	5.2	68,878,352	7.2
89.9	.....	12.1	.....	25.2	.....
2,356,890	1.7	9,549,259	1.4	22,131,846	2.0
1,027,409	1.0	6,715,316	1.2	15,235,475	1.7
129.3	.....	42.2	.....	44.8	.....
2,407,332	1.7	4,519,400	0.7	16,007,519	1.4
1,046,945	1.0	1,990,547	0.4	8,774,053	1.0
129.9	.....	127.0	.....	82.4	.....
478,892	0.3	12,421,034	1.8	14,532,190	1.3
527,061	0.5	12,988,845	2.4	18,122,814	2.1
*9.1	.....	*4.4	.....	*19.8	.....
4,340,951	3.0	57,655,185	8.4	87,352,761	7.8
3,208,240	3.1	41,729,261	7.6	60,303,144	6.8
35.3	.....	38.2	.....	44.9	.....
427,961	0.3	8,173,788	1.2	10,758,196	1.0
181,350	0.2	5,784,474	1.1	7,847,835	1.0
136.0	.....	41.3	.....	37.1	.....
\$57,148,324	40.0	\$11,677,815	1.7	\$77,898,841	6.9
43,319,495	42.3	7,770,830	1.4	57,941,897	6.6
31.9	.....	50.3	.....	34.4	.....
\$45,849,750	32.1	\$6,406,376	0.9	\$54,101,805	4.8
33,391,799	32.6	3,734,652	0.7	38,208,076	4.3
37.3	.....	71.5	.....	41.6	.....
\$11,236,574	7.9	\$5,271,439	0.8	\$23,787,036	2.1
9,927,696	9.7	4,086,178	0.7	19,733,821	2.2
13.8	.....	30.6	.....	20.5	.....
\$643,776	0.5	\$3,326,460	0.5	\$7,081,470	0.6
391,412	0.4	4,046,236	0.7	7,190,114	0.8
64.5	.....	*17.8	.....	*1.5	.....

Table 33b—

INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
			Number.	Per cent.
Lumber, planing mill products, including sash, doors and blinds .....	15	1904	270	2.5
.....		1900	240	2.3
Per cent of increase .....			12.5	
Malt .....	32	1904	21	0.2
.....		1900	14	0.1
Per cent of increase .....			50.0	
Musical instruments, organs, pianos and materials .....	23	1904	56	0.5
.....		1900	45	0.4
Per cent of increase .....			24.4	
Paints .....	30	1904	39	0.3
.....		1900	33	0.4
Per cent of increase .....			18.2	
Patent medicines and compounds .....	28	1904	260	2.4
.....		1900	209	2.0
Per cent of increase .....			24.4	
Printing and publishing—Total .....	.....	1904	2,289	21.1
.....		1900	2,006	19.3
Per cent of increase .....			14.1	
Book and job .....	10	1904	867	8.0
.....		1900	725	7.0
Per cent of increase .....			19.6	
Music .....	39	1904	32	0.3
.....		1900	22	0.2
Per cent of increase .....			45.5	
Newspapers and periodicals .....	9	1904	1,390	12.8
.....		1900	1,259	12.1
Per cent of increase .....			10.4	

Continued.

EXPENSES.				VALUE OF PRODUCT.	
Miscellaneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
\$1,060,964	0.7	\$10,514,845	1.5	\$18,296,035	1.6
572,890	0.6	6,072,877	1.1	11,141,771	1.3
85.2	.....	78.2	.....	64.2	.....
8549,305	0.4	\$6,702,702	1.0	\$8,539,870	0.8
207,692	0.2	4,018,282	0.7	5,135,990	0.6
164.5	.....	66.8	.....	66.3	.....
\$1,568,100	1.1	\$5,897,737	0.8	\$12,323,358	1.2
932,468	0.9	3,322,647	0.6	8,156,445	0.9
68.2	.....	62.5	.....	63.3	.....
\$1,086,502	0.8	\$6,523,137	1.0	\$9,484,280	0.8
414.110	0.4	4,375,872	0.8	5,987,548	0.7
162.4	.....	49.1	.....	58.4	.....
\$4,289,366	3.0	\$2,442,029	0.4	\$10,667,467	1.0
1,566,900	1.5	1,340,233	0.3	4,998,603	0.6
173.7	.....	82.2	.....	113.4	.....
\$12,998,170	9.1	\$15,395,833	2.3	\$57,518,082	5.1
6,840,460	6.7	9,577,425	1.8	39,449,032	4.5
91.0	.....	60.7	.....	45.8	.....
\$5,686,152	3.4	\$8,424,144	1.2	\$28,293,684	2.5
3,029,709	3.0	5,394,432	1.0	19,761,780	2.2
87.7	.....	56.2	.....	43.2	.....
\$282,024	0.2	\$61,043	*	\$579,417	0.1
106,706	0.1	44,859	*	282,297	*
164.3	.....	36.1	.....	105.3	.....
\$7,029,994	4.9	\$6,910,646	1.0	\$28,644,961	2.6
3,668,045	4.6	4,148,134	0.8	19,404,955	2.2
91.7	.....	67.0	.....	47.6	.....

Table 33b—

INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
			Number.	Per cent.
Slaughtering—total.....	}	1904	63	0.6
		1900	64	0.6
Per cent of increase.....			6.3	
Slaughtering and meat packing.....	}	1904	59	0.5
		1900	51	0.5
Per cent of total.....			15.7	
Slaughtering, not including meat packing.....	}	1904	9	0.1
		1900	13	0.1
Per cent of increase.....			*30.8	
Soap and candles.....	}	1904	34	0.3
		1900	39	0.4
Per cent of increase.....			* 1.3	
Tinsmithing, coppersmithing and sheet iron working.....	}	1904	273	2.5
		1900	271	2.6
Per cent of increase.....			0.7	
Tobacco, cigars and cigarettes.....	}	1904	1,793	16.5
		1900	1,489	14.3
Per cent of increase.....			20.1	
Wire.....	}	1904	4	*
		1900	3	*
Per cent of increase.....			33.3	

\* Decrease.

† In 1904 includes establishments as follows: Butter, 349; cheese, 41; condensed milk, 15.

‡ In 1904 includes establishments as follows: Foundry and machine shop products, 736; stoves and furnaces, not including gas and oil stoves, 57.

§ In 1904 includes establishments as follows: Iron and steel, blast furnaces, 4; iron and steel, steel works and rolling mills, 23.

|| In 1904 includes establishments as follows: Musical instruments, organs, 13; musical instruments, pianos, 36; musical instruments, piano and organ materials, 7. In 1900 includes musical instruments, organs and materials, 16; musical instruments, pianos and materials, 29.

¶ In 1904 includes establishments as follows: Coppersmithing and sheet iron working, 224; tinware, 49.

Concluded.

EXPENSES.				VALUE OF PRODUCT.	
Miscellaneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
\$12,962,530	9.1	\$279,864,559	40.9	\$317,206,098	39.2
14,211,397	13.9	246,713,309	45.2	287,922,277	32.6
*8.8		13.4		10.2	
\$12,873,061	9.0	\$273,355,966	40.0	\$309,853,630	27.6
14,158,171	13.9	239,757,479	43.9	279,842,535	31.7
*9.1		10.3		10.7	
\$39,479	0.1	\$6,498,693	1.0	\$7,352,452	0.7
53,225	0.1	6,955,830	1.3	8,079,442	0.9
68.1		*6.6		*9.0	
\$2,196,647	1.5	\$9,345,061	1.4	\$14,156,708	1.3
732,106	0.7	6,082,957	1.1	9,436,430	1.1
198.7		54.9		50.0	
\$755,691	0.6	\$9,253,676	1.2	\$14,246,180	1.3
489,895	0.5	8,114,614	1.1	10,418,010	1.2
60.4		35.0		36.7	
\$1,795,068	1.3	\$4,109,626	0.6	\$11,609,485	1.0
1,242,252	1.2	3,116,597	0.6	8,741,498	1.0
44.5		31.9		33.5	
\$745,498	0.5	\$10,051,888	1.5	\$14,099,546	1.3
97,368	0.1	1,992,752	0.4	2,679,183	0.3
665.6		404.4		389.7	

Table 33b—

INDUSTRY.	Rank.	Year.	ESTABLISHMENTS.	
			Number.	Per cent.
Slaughtering—total.....	}	1904	68	0.6
		1900	64	0.6
Per cent of increase.....			6.3	
Slaughtering and meat packing.....	}	1904	59	0.5
		1900	51	0.5
Per cent of total.....			15.7	
Slaughtering, not including meat packing.....	}	1904	9	0.1
		1900	18	0.1
Per cent of increase.....			*30.8	
Soap and candles.....	}	1904	34	0.3
		1900	39	0.4
Per cent of increase.....			* 1.3	
Tinsmithing, coppersmithing and sheet iron working.....	}	1904	273	2.5
		1900	271	2.6
Per cent of increase.....			0.7	
Tobacco, cigars and cigarettes.....	}	1904	1,788	16.5
		1900	1,489	14.3
Per cent of increase.....			30.1	
Wire.....	}	1904	4	*
		1900	3	*
Per cent of increase.....			33.3	

\* Decrease.

† In 1904 includes establishments as follows: Butter, 349; cheese, 41; condensed milk, 15.

‡ In 1904 includes establishments as follows: Foundry and machine shop products, 736; stoves and furnaces, not including gas and oil stoves, 57.

§ In 1904 includes establishments as follows: Iron and steel, blast furnaces, 4; iron and steel, steel works and rolling mills, 23.

|| In 1904 includes establishments as follows: Musical instruments, organs, 13; musical instruments, pianos, 36; musical instruments, piano and organ materials, 7. In 1900 includes musical instruments, organs and materials, 16; musical instruments, pianos and materials, 29.

¶ In 1904 includes establishments as follows: Coppersmithing and sheet iron working, 224; tinware, 49.



Concluded.

EXPENSES.				VALUE OF PRODUCT.	
Miscellaneous.	Per cent.	Materials.	Per cent.	Amount.	Per cent.
\$12,962,530	9.1	\$279,854,559	40.9	\$317,206,092	39.2
14,211,397	13.9	246,713,309	45.2	287,922,277	32.6
*8.8	.....	13.4	.....	10.2	.....
\$12,873,051	9.0	\$273,355,966	40.0	\$309,953,630	27.6
14,158,171	13.9	239,757,479	43.9	279,842,635	31.7
*9.1	.....	10.3	.....	10.7	.....
\$39,479	0.1	\$6,498,693	1.0	\$7,352,452	0.7
53,225	0.1	6,955,830	1.3	8,079,442	0.9
68.1	.....	*6.6	.....	*9.0	.....
\$2,196,647	1.5	\$9,345,061	1.4	\$14,156,706	1.3
732,106	0.7	6,082,957	1.1	9,436,430	1.1
198.7	.....	54.9	.....	50.0	.....
\$755,601	0.6	\$9,253,676	1.2	\$14,246,190	1.3
499,895	0.5	8,114,614	1.1	10,413,010	1.2
60.4	.....	35.0	.....	36.7	.....
\$1,795,063	1.3	\$4,109,626	0.6	\$11,669,485	1.0
1,242,252	1.2	3,116,597	0.6	8,741,438	1.0
44.5	.....	31.9	.....	33.5	.....
\$745,498	0.5	\$10,051,898	1.5	\$14,099,566	1.3
97,368	0.1	1,992,752	0.4	2,579,183	0.3
665.6	.....	404.4	.....	389.7	.....

The number of hogs decreased 437,336, or 5.3 per cent; the gross weight 193,770,637 pounds, or 9.8 per cent. Notwithstanding the decrease in number and weight, the cost increased \$5,479,867, or 6.6 per cent.

The number of sheep increased 495,056, or 15.8 per cent; the weight 46,591,840 pounds, or 17.6 per cent; the cost, \$1,596,688, or 11.8 per cent.

The most remarkable increase is shown in the number, weight and cost of calves. The number increased 98 per cent; weight, 97.4 per cent, and cost, 52.2 per cent.

Dressed meat purchased, decreased in cost \$2,396,850, or 11.2 per cent. Fuel, rent, power and heat increased in cost 101.2 per cent, and all other material in this industry 30.8 per cent.

Table 35 presents the various kinds of products for the combined slaughtering and meat packing industries for the years 1900 and 1904, together with the quantity and value of each kind of the products.

TABLE 35—*Summary of the Combined Products of Slaughtering and Meat Packing, by Kind, Quantity and Value, with Increase and Per Cent—1904-1900.*

Products.	Year.	Quantity— Net pounds.	Value.
Products and total value .....	{ 1904	3,851,466,907	\$317,206,082
	{ 1900	3,362,852,265	287,922,277
Increase .....		298,614,642	\$29,283,805
Per cent .....		8.6	10.2
Meats sold, fresh—			
Beef .....	{ 1904	1,376,889,532	\$91,996,884
	{ 1900	1,042,234,306	74,321,711
Increase .....		334,655,226	\$17,675,173
Per cent .....		32.1	23.8
Mutton .....	{ 1904	160,511,123	\$12,453,289
	{ 1900	148,003,635	11,842,741
Increase .....		12,507,488	\$610,548
Per cent .....		8.5	5.2
Veal .....	{ 1904	30,348,138	\$2,135,486
	{ 1900	17,673,896	1,489,318
Increase .....		12,674,242	\$846,168
Per cent .....		71.7	43.4
Pork .....	{ 1904	280,619,428	\$18,754,198
	{ 1900	411,376,731	28,774,485
Increase*		150,757,303	\$10,020,287
Per cent*			*36.6

Table 35—Continued.

Products.	Year.	Quantity— Net pounds.	Value.
<b>Meats sold, fresh—Concluded.</b>			
All other meats .....	{ 1904	56,323,948	\$5,346,938
	{ 1900	57,936,886	6,159,827
Increase .....		1,612,938	\$812,889
Per cent .....		2.8	13.2
Beef, canned .....	{ 1904	73,266,797	\$6,108,692
	{ 1900	76,296,560	6,446,283
Increase* .....		3,029,763	\$337,591
Per cent* .....		*4.0	*5.2
Beef, salted or cured .....	{ 1904	78,334,416	\$4,931,741
	{ 1900	67,917,743	5,066,362
Increase .....		10,416,673	\$134,621
Per cent .....		15.3	*2.7
Pork, salted .....	{ 1904	584,019,438	\$42,973,175
	{ 1900	522,096,362	36,179,893
Increase .....		61,923,076	\$6,793,282
Per cent .....		11.9	18.8
Hams, smoked, bacon, sides and shoulders .....	{ 1904	301,720,854	\$29,790,849
	{ 1900	413,525,076	37,181,463
Increase* .....		111,804,222	\$7,400,613
Per cent* .....		*27.0	*19.9
Sausage, fresh or cured .....	{ 1904	99,194,762	\$7,753,799
	{ 1900	96,536,421	7,961,854
Increase .....		2,658,341	\$128,055
Per cent .....		2.8	*1.6
<b>Lard—</b>			
Refined .....	{ 1904	408,697,245	\$28,191,535
	{ 1900	326,707,241	18,699,982
Increase .....		82,090,004	\$9,491,553
Per cent .....		25.1	50.7
Neutral .....	{ 1904	47,780,170	\$3,261,564
	{ 1900	45,455,528	3,596,474
Increase .....		2,324,642	\$314,910
Per cent .....		5.1	*8.8

Table 35—Concluded.

Products.	Year.	Quantity— Net pounds.	Value.
Oils—			
Oleomargarine* .....	{ 1904	9,143,055	\$4,515,293
	{ 1900	9,760,701	5,907,572
Increase* .....		617,646	\$1,392,299
Per cent* .....		*5.3	*23.6
All other† .....	{ 1904	986,981	\$ 496,239
	{ 1900	4,395,191	2,010,394
Increase* .....		3,398,210	\$1,514,155
Per cent* .....		*77.5	*75.3
Hides‡ .....	{ 1904	165,007,637	\$16,664,648
	{ 1900	123,702,573	13,092,560
Increase .....		36,305,064	\$3,572,088
Per cent .....		28.2	27.3
Wool.....	{ 1904	8,653,419	\$2,385,020
	{ 1900	8,339,307	1,935,373
Increase .....		264,112	\$449,647
Per cent .....		3.1	23.2
Fertilizers§ .....	{ 1904	130,490	\$2,397,019
	{ 1900	153,614	1,212,519
Increase .....		76,876	\$1,184,500
Per cent .....		143.4	97.7
All other products, not enumerated.....	{ 1904		\$37,049,723
	{ 1900		26,123,567
Increase .....			\$10,926,156
Per cent .....			41.8

\* Decrease.

† Gallons.

‡ Number 1904, 2,766,594; 1900, 2,206,337. Increase 560,257, or 24.4 per cent.

§ Tons.

The value of meats sold fresh in 1904 amounted to 41.2 per cent of the total value of the products for that year. Of this amount, beef formed 29 per cent; pork, 5.9 per cent; and all other fresh meats, 6.3 per cent. For the year 1900, the value of fresh meats constituted 42.6 per cent of the total value of the products; beef, 25.8 per cent; pork, 10 per cent; and all other products, 6.8 per cent.

The total value of the fresh meat products increased in 1904 \$8,098,713, or 6.6 per cent, although pork decreased in both quantity and value. Beef (canned), hams (smoked), bacon, sides and shoul-

ders decreased in both quantity and value; while beef (salted or cured) and sausage (fresh or cured) increased in quantity, but decreased in value. Lard (refined) increased in quantity 25.1 per cent and 50.7 per cent in value; neutral lard increased in quantity, but decreased in value. Oils, oleomargarine and other like products show decreases in both quantity and value. Hides show an increase of 28.2 per cent in quantity and 27.3 per cent in value. Wool increased only 3.1 per cent in quantity, but 23.2 per cent in value.

The entire products increased 8.6 per cent in quantity and 10.2 per cent in value.

### IRON AND STEEL WORKS.

Table 36 shows the kind, quantity and cost of material used in the steel works and rolling mills of the State for the years 1900 and 1904. According to the value of the products, this industry ranked third in 1900 and second in 1904.

The abundant supply of coal in this State, and the proximity of the State to the great sources of iron ore in adjoining states, has greatly increased the growth of this industry and brought it to the high rank it now holds among the industries of the State.

The number of establishments in this industry increased only one, while all other items show large increases. Capital increased \$15,262,911, or 35.3 per cent; wage earners, 1,716, or 10.3 per cent; wages paid, \$1,828,241, or 19 per cent; and the value of the products, \$27,049,617, or 44.9 per cent.

TABLE 36—*Iron and Steel, Steel Works and Rolling Mills, Material Used, by Kind, Quantity and Cost—1904 and 1900.*

IRON ORE AND IRON MATERIAL USED.	1900		1904		PER CENT OF INCREASE— 1904 OVER 1900.	
	Quantity used— tons.	Cost.	Quantity used— tons.	Cost.	Tons.	Cost.
Total material and cost .....	2,011,970	\$30,021,296	2,180,027	\$38,649,762	8.4	28.7
Iron ore, domestic.....	7,080	24,465	7,311	38,061	3.6	55.5
Spiegelisen, ferromanagane, and all other pig iron.....	1,410,721	14,137,074	1,446,299	19,282,069	2.5	36.4
Old iron or steel rails and other scrap iron and steel .....	461,787	7,312,159	499,583	6,202,392	8.2	*15.2
Purchased muck or scrap bar..	5,713	103,659	443	10,137	*92.2	*90.2
Purchased iron and steel ingots, blooms, billets, tin plate bars, sheet bars or slabs, except im- ported Swedish billets and bars	115,558	3,172,916	220,129	5,332,908	90.5	68.1
Purchased wire rods.....	11,151	325,211	6,312	195,672	*43.4	*39.8
Fuel.....		2,433,156		3,303,692		35.8
All other materials.....		2,512,656		4,284,851		70.5

\* Decrease.

The cost of materials used, as detailed in this table, increased \$5,985,745, or 23.9 per cent, while the quantity used increased 168,057 tons, or 8.4 per cent. Fuel increased in cost 35.8 per cent and all other materials 70.5 per cent. The total cost of materials increased \$8,628,466, or 28.7 per cent.

Pig iron shows the largest increase in cost of material, being \$5,144,995, or 36.14 per cent, while the quantity only increased 35,578 tons, or 2.5 per cent.

Table 37 presents the kind, quantity and value of products of the steel works and rolling mills for the two years. The principal product was steel rails. The number of tons produced in this State in 1904 was about 25 per cent of the total for the United States. As steel rails were the product of a single establishment in the State, the figures are not shown separately for this branch of the industry. Rolled iron and steel bars and rods show a decrease, both in quantity and value. However, for each of the other items there were increases in both quantity and value.

Blooms, slabs, billets, etc., and all other rolled iron, etc., show large increases. In quantity the tons increased 265,042, or 23.2 per cent and the value of the product \$14,954,701, or 61.9 per cent.

TABLE 37—*Iron and Steel, Steel Work and Rolling Mill Products, Kind, Quantity and Value—1904 and 1900.*

PRODUCTS.	1900		1904		PER CENT OF INCREASE—1904 OVER 1900.	
	Quantity—tons.	Value.	Quantity—tons.	Value.	Tons.	Value.
Total products and value.....	1,475,799	\$45,149,496	1,707,015	\$60,021,925	15.7	32.9
Direct steel castings.....	39,023	2,680,767	56,038	4,148,259	43.6	55.9
Rolled iron and steel—						
Bars and rods, not including sheet or tin plate bars or wire rods.....	197,190	6,374,296	145,527	4,732,336	*26.2	*25.8
Boiler and other plates and sheets, except nail and tack plates, and armour plates..	95,068	3,421,785	96,810	4,015,999	0.9	17.4
Blooms, slabs, billets, tin plate bars, and sheet bars, produced for sale.....	260,042	4,865,431	298,805	7,406,468	14.9	52.2
All other rolled iron and steel products .....	863,556	19,294,315	1,109,835	31,707,979	25.6	64.3
All other products.....		8,532,902		8,010,884		*6.1

\* Decrease.

Wire being allied to the iron and steel industry, the manufacture of this item was thirty-seventh in rank in 1900 and twenty-second in 1904. (See tables 33a and 33b.) There was an increase in the number of establishments of only one. The industry, however, shows exceptional increases for each item. The increase is due in a degree to the fact that the products of two large plants in Joliet, which were classed in 1900, as iron and steel rails and spikes, cut and wrought, including wire nails, not made in rolling or steel mills, were classed as wire in 1904, thereby showing a large decrease in the one industry and a like increase in the other.

By reference to tables 33a and 33b the increase referred to may be seen as follows: Number of wage earners, two-fold; wages paid and capital, three-fold; value of products, four-fold.

Foundry and machine shops are also closely allied to the iron and steel industry, ranking three in 1904, and show in tables 33a and 33b large increases in every item, combining the items of the three industries which have been heretofore classed separately, as: Iron and steel works; foundry and machine shops and wire into one industry; the magnitude of the iron industry of the State bears in comparison with all other industries combined; 5.5 per cent of the number of establishments; 15.2 per cent of the capital; 15 per cent of the wage earners; 16.7 per cent of the wages paid and 12.9 per cent in the value of products. This combination also shows an increase in 1904 over 1900 of only 4.7 per cent in number of establishments, but 53.6 per cent in capital; 15.6 per cent in number of wage earners; 29.4 per cent in the amount of wages paid and 42.8 per cent in the value of the products.

#### FLOUR AND GRIST MILLS.

Table 38 shows the kind, quantity and cost of the materials used in flour and grist mills for the years 1900 and 1904. Wheat was the leading grain used in both years. In 1900 the quantity was 67.9 per cent of the total of all grains and formed 76 per cent of the cost. In 1904 the quantity was 67 per cent and 76.3 per cent of the cost.

TABLE 38—*Flour and Grist Mills, Grain and Materials Used, Quantity and Cost—1900 and 1904.*

GRAIN AND MATERIALS USED.	1900			1904			PER CENT OF INCREASE 1904 OVER 1900—		
	Quantity— bushels.	Cost.	Average cost— bushel.	Quantity— bushels.	Cost.	Average cost— bushel.	Quantity.	Total cost.	Average cost per bushel.
Totals.....	41,678,585	\$24,936,897	.....	42,338,647	\$24,929,657	.....	1.6	40.1	.....
Wheat .....	28,196,219	18,960,992	\$0.673	28,390,202	26,637,126	\$0.934	0.6	40.5	38.8
Corn .....	11,373,625	3,507,251	0.308	12,816,823	5,746,949	0.448	12.7	63.9	45.5
Rye .....	332,859	169,269	0.509	429,135	302,331	0.705	28.9	78.6	38.5
Buckwheat .....	139,790	77,340	0.553	67,068	46,190	0.689	*52.0	*40.3	24.6
Oats.....	1,528,724	363,159	0.238	598,295	183,239	0.312	*61.6	*49.8	31.5
Other grain.....	105,368	85,583	0.809	59,144	26,063	0.441	*43.9	*26.8	30.5
Barrels (purchased) ..	.....	369,202	.....	.....	121,063	.....	.....	*67.2	.....
Sacks (purchased) ...	.....	535,271	.....	.....	709,266	.....	.....	43.7	.....
Cooperage stock and cloth and paper for sacks.....	.....	236,846	.....	.....	548,237	.....	.....	131.5	.....
Fuel and rent of power and heat .....	.....	265,849	.....	.....	315,796	.....	.....	18.8	.....
All other materials ...	.....	416,126	.....	.....	233,337	.....	.....	*43.9	.....

\* Decrease.



The increase in the number of bushels of wheat was only 181,983, or six-tenths of 1 per cent; while the increase in the cost was \$7,676,134, or 40.5 per cent. Based on the figures given, the average cost of wheat per bushel in 1900 was 67.3 cents; in 1904, 93.4 cents; showing an increase of 38.8 cents.

The quantity of corn handled increased 1,443,198 bushels, or 12.7 per cent, while the cost increased \$2,239,698, or 63.9 per cent. The average cost per bushel for corn in 1900 was 30.8 cents; in 1904 44.8 cents; an increase of 45.3 per cent.

Rye increased in quantity 96,276 bushels, or 28.9 per cent. The average cost per bushel in 1900 was 50.9 cents; in 1904, 70.5 cents; an increase of 19.6 cents, or 38.5 per cent. Buckwheat shows a large decrease, both in quantity and cost. The number of bushels used decreased 72,732, or 52 per cent; the cost, \$31,150, or 40.3 per cent.

Oats and all other grain show a large decrease in both quantity and cost, but an increase in the average value per bushel.

Table 39 presents the varied products of the flour and grist mills for the years 1900 and 1904. The value of the total products increased \$11,316,770, or 39.6 per cent.

TABLE 39—*Flour and Grist Mills, Products by Kind, Quantity and Value—1900 and 1904.*

PRODUCTS.	1900			1904			PER CENT OF INCREASE—1904 OVER 1905.		
	Quantity—barrels and pounds.	Value.	Average value per barrel.	Quantity—barrels and pounds.	Value.	Average value per barrel.	Quantity—barrels—pounds.	Value.	Average value per barrel and pound.
Total value.....		\$28,575,357			\$39,892,127			39.6	
Wheat flour, barrels	5,982,815	20,330,397	33.425	15,954,680	27,619,401	34.638	0.4	35.9	35.4
Rye flour, barrels...	59,943	175,246	2.924	77,309	279,992	3.622	29.0	59.8	23.9
Buckwheat flour, pounds.....	3,996,578	100,652	0.025	2,055,372	62,210		*48.6	*38.2	20.0
Cornmeal and corn flour, barrels.....	1,589,178	2,361,940	1.486	1,068,286	2,319,104	2.171	*32.8	*1.9	46.1
Feed, pounds.....	408,179,124	2,897,455	0.007	294,838,629	2,636,897		*27.8	*9.0	28.6
Offal, pounds.....	406,198,948	2,329,450	0.006	517,984,281	4,344,653		27.5	86.5	33.3
All other products..		390,227			2,629,870			573.9	

\* Decrease.

† Includes 15,297 barrels of Graham flour.

Wheat flour was the leading product. In 1900 its value was 71.1 per cent of the total value of all products and 69.2 per cent in 1904. The average value per barrel in 1900 was \$3.425, while in 1904 it was \$4.638, an increase of \$1.213, or 35.4 per cent.

Rye flour and mill offal show large increases, while buckwheat flour, corn meal and corn flour and feed show large decreases.

#### AGRICULTURAL IMPLEMENTS.

Table 40 presents the kind and number of the different agricultural implements manufactured for the two years. These are classed into four divisions. Planters, in the first division, increased in number 28.7 per cent and all other kinds decreased. In the third division, harvesters, hay carriers, hay rakes and reapers show large increases, the largest being harvesters and reapers.

TABLE 40—*Agricultural Implements, Principal Products by Kind and Number—1900 and 1904.*

CLASSIFICATION OF KIND.	NUMBER OF IMPLEMENTS.		INCREASE + DECREASE -	
	1900	1904	Number.	Per cent.
Seeders and planters .....	125,334	139,119	+13,785	+11.0
Planters .....	72,085	92,723	+20,638	+28.7
Drills .....	19,426	15,968	-3,458	-17.8
Grain and seed sowers .....	14,114	13,612	-501	-3.6
Listers .....	19,769	16,815	-2,944	-14.7
Implements of cultivation .....	669,436	619,707	-50,729	-7.6
Cultivators .....	192,080	192,122	+42	+ *
Harrows .....	194,375	157,798	-36,577	-18.8
Plows .....	283,060	269,787	-14,263	-5.0
Harvesting implements .....	574,749	495,042	-79,707	-13.9
Harvesters .....	22,315	70,371	+48,056	+215.4
Headers and binders .....	100,467	9,311	-91,156	-91.2
Hay carriers .....	20,709	27,751	+7,041	+34.1
Hay rakes, horse .....	109,079	120,926	+11,846	+10.8
Mowers .....	205,204	170,097	-35,107	-17.1
Reapers .....	16,397	25,556	+9,159	+55.9
Seed separators .....	51,571	14,039	-37,532	-72.8
Corn shellers .....	30,327	13,226	-17,101	-56.4
Fanning mills .....	1,244	300	-943	-75.9
Thrashers .....	.....	513	+513	+100.0

\* Less than one-tenth of one per cent.

Referring to tables 33a and 33b, it will be seen that this industry ranked seventh in 1904 and fourth in 1900. This decline may be probably due to a large over-production during the year 1903 and possibly previous years, thus necessitating a curtailment in 1904. However, the decrease shown does not by any means indicate a permanent decline.

Illinois easily holds first rank in this industry, the products of its factories being used in all parts of the civilized world where agricultural implements are required.

#### PRINTING AND PUBLISHING.

The printing and publishing industry ranks among the largest in the State. Book and job printing was ninth in 1900 and tenth in 1904. Newspapers and periodicals was eleventh in 1900 and ninth in 1904. Referring to tables 33a and 33b, it is shown that the values of products for the combined industries increased \$18,069,050, or 45.8 per cent. The number of establishments increased 283, or 14.1 per cent; the capital, \$12,482,261, or 48 per cent; the number of wage earners, 2,192, or 12.2 per cent; and wages paid, \$3,526,360, or 40.2 per cent.

Tables 41a and 41b show the details of the industry. Table 41a shows the quantity and cost of material used.

TABLE 41a—*Printing and Publishing Material Used, Quantity and Cost—1900 and 1904.*

MATERIAL USED.	Year.	MATERIAL AND COST.			
		Total.	News- papers and periodicals	Book and job.	Music.
Material used—total cost.....	{ 1904	\$15,395,833	\$6,910,646	\$8,424,144	\$61,043
	{ 1900	9,577,425	4,133,124	5,394,432	44,859
Per cent of increase.....		60.8	67.0	56.2	36.1
Paper for newspapers, pounds.....	{ 1904	166,052,026	162,053,026		
	{ 1900	92,016,473	92,016,473		
Per cent of increase.....		80.5	80.5		
For newspapers, etc., cost.....	{ 1904	\$3,747,727	\$3,747,727		
	{ 1900	2,075,730	2,075,730		
Per cent of increase.....		80.5	80.5		
Other paper, cost.....	{ 1904	\$8,465,386	\$2,296,995	\$6,113,075	\$55,316
	{ 1900	1,187,419	1,187,419	*	*
Per cent of increase.....		697.1	93.4		
Fuel and rent of power and heat.....	{ 1904	\$544,750	\$261,163	\$283,217	\$370
	{ 1900	340,851	155,990	183,997	864
Per cent of increase.....		56.8	67.4	53.9	†57.2
All other materials.....	{ 1904	\$2,637,970	\$604,761	\$2,027,852	\$ 5,357
	{ 1900	15,973,425	718,995	5,210,435	43,995
Per cent of increase.....		†57.8	†15.9	†61.8	†87.8
Number of type casting and type setting machines.....	{ 1904	627	482	145	
	{ 1900	‡267	267	§	
Per cent of increase.....		134.8	80.5		

\* Not reported separately.

† Decrease.

‡ Includes cost of paper used by book and job printing and music publishing establishments.

§ Not enumerated for book and job printing establishments.

The quantity of paper used for newspapers increased 74,035,553 pounds, or 37,018 tons; the cost increased \$1,671,997, or 80.5 per cent, the increase in the quantity being at the same rate.

Other paper used by newspapers and periodicals increased in cost \$1,109,576, or 93.4 per cent. The increase in cost of book and job paper, if any, cannot be determined, as the amount for this kind of paper was not reported in 1900 separately.

The total number of publications of all kinds reported in 1904 was 1,715. Of these twenty-one were morning and seventeen evening dailies; fifteen morning and 139 evening dailies excepting Sundays; seven were tri-weeklies, fifty-two semi-weeklies, 1,091 weeklies, 287 monthlies, fifty quarterlies and thirty-six issued at various other periods.

The languages in which published were: One thousand five hundred seventy-four in English, fifty-six German, thirty-three Scandanavian, seventeen Bohemian, thirteen Polish, five each Hebrew and German-English combined, four Italian, two each French, Lithuanian and Greek, one each Dutch and Italian-English combined. Of the character of these publications, 1,159 were devoted to general news, politics and family reading; 123 to religion; 108 to trades; forty-two to fraternal organizations; thirty-seven to commerce, finance, insurance, etc.; thirty-six to agriculture, dairying, stock raising, etc.; thirty-five to education and history; twenty-eight to literature; seventeen to medicine and surgery; ten to science and mechanics; eight to law, and 112 to miscellaneous subjects.

Table 41b presents the value of the products, of newspapers, periodicals, book and job printing, etc., for the two years. The increase in the total product from all sources was \$18,069,050, or 45.8 per cent; for newspaper and periodicals, \$9,240,026, or 47.6 per cent; book and job work, \$8,531,904, or 43.2 per cent, and for music publishing, \$297,120, or 105.3 per cent.

The increase in the total received for advertising was \$4,751,461, or 56.2 per cent; from subscriptions and sales, \$4,032,051, or 54.8 per cent; and from all other sources, \$9,285,538, or 40.3 per cent. Taking the total value of all the products for 1904, it is found that the proportion to newspapers and periodicals was 49.8 per cent; to book and job establishments, 49.2 per cent; and 1 per cent to music publishing. For 1900 the proportions were, respectively, 49.2 per cent, 50.1 per cent and seven-tenths of 1 per cent.

TABLE 41b—*Printing and Publishing, Value of Products—1900 and 1904.*

PRODUCTS.	Year.	VALUE OF PRODUCTS.			
		Total.	News- papers and periodi- cals.	Book and job.	Music.
Product—Total value .....	1904	\$57,518,082	\$28,644,981	\$28,293,684	\$579,417
	1900	39,449,032	19,404,955	19,761,780	282,297
Per cent of increase .....		45.8	47.6	43.2	105.3
Charged for advertising .....	1904	\$13,780,752	\$13,780,752	.....	.....
	1900	9,029,291	9,029,291	.....	.....
Per cent of increase .....		52.6	52.6	.....	.....
Charged for subscriptions and sales .....	1904	\$11,889,712	\$11,889,712	.....	.....
	1900	7,357,661	7,357,661	.....	.....
Per cent of increase .....		54.8	54.8	.....	.....
All other periodicals, including job printing.	1904	\$32,347,618	\$3,474,517	\$28,293,684	\$579,417
	1900	23,062,080	3,018,003	19,761,780	282,297
Per cent of increase .....		40.3	15.1	43.2	105.3

Tables 42, 43 and 44 present a summary of preceding tables and show in close comparison the relative importance of the manufacturing industries in the State by their respective location.

The eleven cities designated in these tables are those having a population of 20,000 and over in 1900 and the twenty cities having a population of 8,000, but under 20,000, the same year.

TABLE 42—*Summary of Manufacturers of the State, by Specified Material*

CLASSES.	ESTABLISH- MENTS.		CAPI-					
	Number.	Per cent.	Total.	Per cent.	Land.	Per cent.	Buildings.	Per cent.
The State .....	14,921	100.0	\$975,844,799	100.0	\$985,991,323	100.0	\$153,551,133	100.0
Thirty-one Cities.....	10,536	70.6	822,916,347	84.3	72,062,092	83.8	122,518,595	79.8
Twenty Cities.....	1,000	9.5	72,770,751	8.8	4,102,655	5.7	11,000,427	9.0
Eleven Cities.....	9,536	90.5	750,145,596	91.2	67,959,437	94.3	111,518,168	91.0
All other locations.....	4,386	29.4	152,928,452	15.7	13,929,231	16.2	31,032,580	20.2

TABLE 43—*Summary of Manufactures of the State, by Specified Products*

CLASSES.	ESTAB- LISH- MENTS.	MISCELLANEOUS			
		Number.	Total.	Per cent.	Rent of works. Per cent.
The State .....	14,921	\$172,185,567	100.0	\$7,646,673	100.0
Thirty-one Cities.....	10,536	151,105,549	87.8	7,341,205	96.0
Twenty Cities.....	1,000	6,860,992	4.5	159,444	2.2
Eleven Cities.....	9,536	144,244,557	95.5	7,131,761	97.8
All other locations.....	4,385	21,080,018	12.2	305,468	4.0



*Cities and all Other Locations, Establishments, Capital and Cost of  
—1904.*

TAL.				COST OF MATERIALS USED.					
Machinery, tools and imple- ments.	Per cent.	Cash and sundries.	Per cent.	Total.	Per cent.	Principal materials, including mill supplies and freight.	Per cent.	Fuel and rent of power and heat.	Per cent.
\$232,868,456	100.0	\$508,433,837	100.0	\$840,057,316	100.0	\$311,436,902	100.0	\$28,620,414	100.0
187,479,709	80.5	440,855,951	87.6	729,117,952	86.8	705,710,373	87.0	23,407,579	81.8
15,414,524	8.2	42,253,145	9.6	38,764,792	5.3	36,854,408	5.2	1,910,384	8.2
172,065,785	91.8	398,602,806	90.4	690,353,160	94.7	668,855,965	94.8	21,497,195	91.8
45,388,747	19.5	62,577,896	12.4	110,939,364	13.2	105,726,529	13.0	5,212,835	18.2

*Cities and All Other Locations, Establishments, Expenses and Value of  
—1904.*

EXPENSES.						VALUE OF PRODUCTS, INCLUDING CUSTOM WORK AND REPAIRING.	
Taxes, not including internal revenue.	Per cent.	Rent of offices, interest, etc.	Per cent.	Contract work.	Per cent.	Amount.	Per cent.
\$4,189,338	100.0	\$148,876,087	100.0	\$11,473,474	100.0	\$1,410,342,129	100.0
3,648,318	87.1	129,145,889	86.8	10,970,187	95.6	1,222,970,456	87.7
273,115	7.5	6,282,714	4.9	145,719	1.3	72,695,216	5.9
3,375,208	92.5	122,863,175	95.1	10,824,418	96.7	1,150,275,240	94.1
541,015	12.9	19,730,198	13.2	508,337	4.4	187,371,673	13.3

TABLE 44—*Summary of Manufactures of the State by Specified Cities  
Salaries, Wage Earners*

CLASSES	ESTABLISHMENTS.	PROPRIETORS AND FIRM MEMBERS		SALARIED OFFICIALS, CLERKS, ETC.				WAGE EARNERS		
	Number.	Number.	Per cent.	Number.	Per cent.	Salaries.	Per cent.	Total.	Per cent.	Wages.
The State .....	14,921	13,990	100.0	54,521	100.0	\$60,559,678	100.0	379,436	100.0	\$208,405,468
Thirty-one cities...	10,536	9,363	66.9	48,606	89.2	54,596,653	90.1	319,496	84.2	178,374,861
Twenty cities .....	1,000	960	10.3	2,880	5.9	3,150,068	5.8	29,815	9.3	16,454,904
Eleven cities.....	9,536	8,403	89.7	45,726	94.1	51,435,565	94.2	289,671	90.7	161,919,957
All other locations.	4,385	4,627	33.1	5,915	10.8	5,973,025	9.9	59,950	15.8	30,090,607

*and all other Locations, Establishments, Proprietors, Officials and Wages, 1904.*

## AND WAGES.

Per cent.	Men 16 years and over.	Per cent.	Wages.	Per cent.	Women 16 years and over.	Per cent.	Wages.	Per cent.	Children under 16 years.	Per cent.	Wages.	Per cent.
100.0	314,091	100.0	\$187,568,896	100.0	60,399	100.0	\$19,893,360	100.0	4,946	100.0	\$943,212	100.0
85.6	259,663	82.7	158,991,266	84.8	55,559	92.0	18,562,334	98.3	4,264	96.2	811,261	87.1
9.2	27,699	10.7	15,939,551	10.0	1,690	3.4	436,625	2.4	426	10.0	78,728	9.6
90.8	231,964	69.3	143,061,716	90.0	53,869	96.6	18,125,709	97.6	3,838	90.0	742,533	90.4
14.4	54,428	17.3	28,577,630	15.2	4,840	8.0	1,331,026	6.7	682	13.8	121,951	12.9



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## PART II

Working Women in Factories.

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## PART II.

## STATISTICS OF WOMEN WORKING IN FACTORIES.

This investigation by the bureau was first intended to be confined to the city of Chicago, but subsequently was extended to the cities of Elgin, Bloomington and Springfield.

Schedules were arranged for both the employers and wage earners. The results presented, concerning working time, wages, working conditions and earnings, were secured from the books of the establishments visited, and subsequently corroborated in every particular by the individual employé.

Table I presents a list of the industries embraced in this report, the number of establishments canvassed, and the number of occupations and employés secured in the investigation. In parallel columns is also shown the total number of women and girls employed in the same establishments, industries and occupations, at the time the information was obtained, with the per cent of the whole number represented in the report.

TABLE I—*List of Industries, Establishments, Occupations and Employés.*

Number.	INDUSTRIES.	NUMBER OF—			Total number employés—Women.	Per cent of representation.
		Establishments.	Occupations.	Employés		
	Totals.....	86	460	2,545	13,143	19.4
1	Bakery.....	4	10	60	462	13.0
2	Binding twine, canvass, etc.....	1	16	170	952	17.8
3	Blank books.....	1	8	4	18	22.2
4	Bonnets.....	1	8	19	40	47.5
5	Boots and shoes.....	3	14	42	71	59.2
6	Brooms.....	1	1	4	14	28.6
7	Chairs and baby carriages.....	1	5	15	21	71.4
8	Chewing gum.....	2	6	47	172	27.3
9	Cigars.....	6	9	82	239	34.3
10	Clothing.....	1	4	31	62	50.0
11	Confectionery.....	6	13	141	472	29.9

Table 1—Concluded.

Number.	INDUSTRIES.	NUMBER OF—			Total number employés— Women.	Per cent of rep- resentation.
		Establish- ments.	Occupa- tions.	Employés		
12	Druggists' sundries .....	1	14	37	105	35.2
13	Electrical goods .....	1	7	35	1,561	2.2
14	Gloves and mittens .....	1	7	49	150	32.7
15	Hardware specialties .....	1	4	10	31	32.3
16	Ink and mucilage .....	1	3	12	50	24.0
17	Jewelers' findings, etc .....	1	4	16	65	24.6
18	Knit goods .....	2	7	68	510	13.3
19	Ladies hats .....	1	1	8	30	26.7
20	Laundry .....	13	20	174	591	29.4
21	Letter files .....	1	5	18	60	21.7
22	Meat packing .....	7	56	451	3,976	11.3
23	Metal goods .....	3	24	105	642	16.4
24	Overalls .....	1	4	19	75	25.3
25	Paper boxes .....	9	24	217	946	22.9
26	Pianos and organs .....	1	11	19	86	21.6
27	Pipes and fittings .....	1	5	72	652	11.0
28	Rubber goods .....	1	6	12	29	41.4
29	Shoes and slippers .....	1	5	5	18	27.8
30	Shoes .....	3	49	199	469	42.4
31	Soap, toilet articles, etc .....	2	17	82	282	29.1
32	Tacks and wire nails .....	1	3	13	30	43.3
33	Telephone manufacturing .....	1	13	25	50	50.0
34	Tents, awnings, etc .....	1	2	10	35	28.6
35	Underwear .....	1	5	23	99	23.2
36	Watches .....	2	64	228	348	63.2
37	Woolen goods .....	1	11	28	76	36.8

The statistical details, therefore, that follow represent 2,545 working women and girls, employed in eighty-six establishments, represented in thirty-seven industries and engaged in 460 different occupations. There were found employed in the same industries and pursuits, 13,143 women and girls, so that the information collected was obtained from about 20 per cent of the whole number employed in the several industries at that time.



Table 2 shows the entire population in these industries, men and women, also an estimated total average number employed during the current year. Of the 19,952 employed at the time of securing the schedules 34.1 per cent were men and 65.9 per cent were women; this proportion is nearly reversed in the estimated total number employed during the year. Of this number 73 per cent were men and 27 per cent were women.

TABLE 2—*Number of Employés at Work at Time of Securing the Schedules and Average Number Employed during the Year.*

INDUSTRY.	Number of establishments.	Number of schedules secured	EMPLOYÉS AT WORK AT TIME OF SECURING THE SCHEDULES.			ESTIMATED AVERAGE NUMBER EMPLOYED DURING THE YEAR, FURNISHED BY THE ESTABLISHMENT.		
			Men.	Women.	Total.	Men.	Women.	Total.
All industries.....	86	2,545	6,809	13,143	19,952	34,866	12,885	47,751
Bakeries.....	4	60	111	462	573	533	675	1,208
Binding twine, canvass, etc....	1	170	356	952	1,308	1,812	346	2,158
Blank books.....	1	4	12	18	30	22	19	41
Bonnets.....	1	19	4	40	44	4	40	44
Boots and shoes.....	3	42	73	71	144	164	78	242
Brooms.....	1	4	30	14	44	30	15	45
Chairs and baby carriages.....	1	15	21	21	42	730	70	800
Chewing gum..	2	47	15	172	187	47	192	240
Cigars.....	6	82	215	239	454	444	343	787
Clothing.....	1	31	53	62	115	53	62	115
Confectionery.....	6	141	54	472	526	418	765	1,183
Druggists' sundries.....	1	37	15	105	120	80	120	200
Electrical goods.....	1	35	141	1,561	1,702	6,016	1,800	7,816
Gloves and mittens.....	1	49	150	150	300	250	250	500
Hardware specialties.....	1	10	4	31	35	115	35	150
Ink and muclage.....	1	12	15	50	65	15	50	65
Jewelers' findings, etc.....	1	16	35	65	100	95	65	160
Knit goods.....	2	68	55	510	565	51	380	431
Ladies' hats.....	1	8	6	30	36	30	75	105
Laundry.....	13	174	101	591	692	151	606	757
Letter files.....	1	13	3	60	63	15	70	85
Meat packing.....	7	451	3,442	3,976	7,418	12,531	2,261	14,792
Metal goods.....	3	105	1,036	642	1,678	1,330	255	1,585

Table 2—Concluded.

INDUSTRY.	Number of establishments.	Number of schedules secured	EMPLOYEES AT WORK AT TIME OF SECURING THE SCHEDULES.			ESTIMATED AVERAGE NUMBER EMPLOYED DURING THE YEAR, FURNISHED BY THE ESTABLISHMENT.		
			Men.	Women.	Total.	Men.	Women.	Total.
Overalls.....	1	19	.....	75	75	5	75	80
Paper books.....	9	217	282	946	1,228	434	977	1,411
Pianos and organs.....	1	19	34	88	122	1,700	100	1,800
Pipes and fittings.....	1	72	34	652	686	3,329	271	3,600
Rubber goods.....	1	12	9	29	38	510	40	550
Shoes and slippers.....	1	5	36	18	54	36	18	54
Shoes.....	3	199	53	469	522	1,023	515	1,538
Soap, toilet articles, etc.....	2	82	364	282	646	256	175	431
Tacks and wire nails.....	1	13	3	30	33	430	70	500
Telephone, manufacturing.....	1	25	3	50	53	252	103	355
Tents, awnings, etc.....	1	10	1	35	36	10	35	45
Underwear.....	1	23	8	99	107	8	142	150
Watches.....	2	225	282	348	630	1,881	1,727	3,608
Woolen goods.....	1	28	35	76	111	56	64	120

## WEEKLY EARNINGS.

Table 3 shows in condensed form the range of weekly earnings, of 2,258 or 88.7 per cent of the total number of employes considered. The wages here given were secured for the week in which the schedule was procured, therefore the wages are not an average, but the actual earnings for a particular week, which is designated in this and other tables as the "current" week.

The average earnings for the whole number reporting was \$7.49 for the current week, only 17 or seven tenths of one per cent, received less than \$3.00 for the week; while but two or one-tenth of one per cent received \$18.00 or over. The number earning less than the average was 1,370 or 60.7 per cent, with an average of \$5.78 a week; while 888 or 39.3 per cent earned an average of \$10.12 a week.

TABLE 3—*Classified Weekly Earnings for a Specified "Current" Week.*

Classification of Weekly Earnings.	Number reporting.	Per cent of total.	Average earnings.
\$2 but under \$3.....	17	0.7	\$ 2 60
3 but under 4.....	102	4.5	3 40
4 but under 5.....	232	10.3	4 43
5 but under 6.....	301	13.3	5 33
6 but under 7.....	386	17.1	6 33
7 but under 8.....	332	14.7	7 38
8 but under 9.....	331	14.7	8 42
9 but under 10.....	179	7.9	9 30
10 but under 11.....	164	7.3	10 85
11 but under 12.....	83	3.7	11 37
12 but under 13.....	54	2.4	12 33
13 but under 14.....	30	1.3	13 77
14 but under 15.....	21	0.9	14 83
15 but under 16.....	16	0.7	15 23
16 but under 17.....	4	0.2	16 41
17 but under 18.....	4	0.2	17 52
18 and over.....	2	0.1	20 58
Total.....	2,258	100.0	\$7 49

Table 4 shows a classification of the earnings, with the number and per cent in each of four classes. This division is made in order to make a comparison of the earnings of working women and girls shown by this investigation with that shown in the seventh biennial report of this bureau published in 1892. Both investigations were conducted and made in substantially the same manner. The working time and earnings of the women and girls in each case were secured from the

records of the several establishments; hence all comparisons herein that may be made with similar deductions given in the report of the bureau, fourteen years ago, may be relied upon as being approximately correct in every particular.

TABLE 4—*Classification of Weekly Earnings with Per Cent of Total Number in Each Class—1906 and 1892.*

CLASSIFICATION.	PRESENT REPORT, 1906.		BUREAU REPORT, 1892.	
	Number.	Per cent.	Number.	Per cent.
Earning less than \$4 a week.....	119	5.3	680	16.4
Earning from \$4 to \$7 a week.....	919	40.7	2,338	56.2
Earning from \$7 to \$10 a week.....	842	37.3	971	23.3
Earning \$10 or more a week.....	378	16.7	170	4.1
Total.....	2,258	100.0	4,159	100.0

It is here shown that the total number of working women on which the percentages were based in the report of 1892 was 4,159; in the present report the number is 2,258. Forming the four classes into two; those earning less than \$7 a week, and those earning more than \$7, it is found that for this year only 46 per cent of the number were earning less than \$7 a week, while fourteen years ago 73 per cent were in that class. On the other hand, this year 54 per cent were found earning \$7 and more a week; in 1892 only 27 per cent were found earning this rate of wages. It is found that a further comparison is possible, in regard to the average weekly earnings of women for the two periods. This is shown in the following table:

TABLE 5—*Average Earnings, with Percentages and Earnings, of More and Less than the Average.*

YEAR.	Number of employes considered.	Average weekly earnings.	EARNING MORE THAN THE AVERAGE.		EARNING LESS THAN THE AVERAGE.	
			Per cent.	Average weekly earnings.	Per cent.	Average weekly earnings.
1906.....	2,258	\$7.49	46.9	\$9.59	53.1	\$5.52
1892.....	4,159	5.93	47.1	7.34	52.9	4.66

The reading of this table for the two periods considered, reveals the very material advance in the wages of working women in some of the leading industries of the State. The average weekly earnings for the 2,258 women and girls for this year was \$7.49; this number being 17.2 per cent of 13,143 women, the number found at work in the several establishments at the time the canvass was made. The average weekly earnings for the 4,159 in 1892 was \$5.93, the advance in weekly earnings shown for this year being \$1.56 or 26.3 per cent. For both periods the proportion of the number earning more and less than the average, present a remarkable parallelism. For this year the increase over 1892 in the weekly earnings of those earning more than the average was \$2.25 or 30.7 per cent, and for those earning less than the average 86 cents, or 18.5 per cent.

From the foregoing comparisons of the wages of working women, made along general and similar lines of investigation, the fact is unquestionably established that the earnings of this class of employes have been advanced from 25 to 30 per cent during the periods represented.

Table 6 presents a further comparison of the weekly earnings of women and girls.

For this purpose twenty-seven industries have been selected which are common to the present report, and to the bureau's report of 1892, and also the report of the Bureau of the Census for 1904. The census figures are for the State at large and for the number employed, and the weekly earnings secured for what was termed a "busy week," the information, therefore, is quite general and reliable for the purpose of reference and comparison.

However, only twelve of the industries are represented by the bureau report of 1892. Attention is directed to the two columns of earnings shown for the present report, the first column gives the earnings for the week termed the "current week"; these earnings were taken for each person for the week in which the schedule was secured, and will be found for each individual in succeeding tables; the other column represents the weekly earnings for the weeks employed.

The number of employes considered are: for the bureau reports, 1,595 for this year, 1,614 for 1892, and 12,809 for the census bureau. Attention is called to the relative uniformity in the weekly earnings in all of the industries shown for the present year; the average for all for the current week being \$7.36 and \$7.04 a week for the weeks employed. Considering the average earnings for the current week as the correct basis of comparison, it is shown that the average for 1892 was \$5.88 a week; the increase over this for the year being \$1.48 or 25.2 per cent; the average for the census report was \$6.56, the increase over this being 80 cents or 12.2 per cent.

TABLE 6—*Number Employed and Average Weekly Earnings in Twenty-seven Selected Industries.*

Number.	INDUSTRIES.	BUREAU REPORT 1906.				BUREAU REPORT 1892.		BUREAU OF THE CENSUS, U. S. 1904.	
		Number reported.	EARNINGS.		Number of weeks employed.	Number reported.	Earnings for weeks employed.	Number reported.	Weekly earnings.
			For current week.	For weeks employed.					
	Totals and averages.....	1,595	\$7 36	\$7 04	44.6	1,614	\$5.88	12,809	\$6 56
1	Bakery.....	60	\$8 19	\$7 40	50.5	172	\$5 86	1,778	\$6 42
2	Blank books.....	4	4 51	4 52	52.0	318	6 34	181	6 66
3	Boots and shoes.....	39	8 16	8 67	36.7			339	6 38
4	Brooms.....	4	6 00	6 01	50.8	10	6 62	80	5 79
5	Chairs and baby carriages.....	15	7 22	7 48	51.6			18	8 28
6	Cigars.....	82	9 75	9 28	49.9	81	6 57	876	7 43
7	Clothing.....	29	8 53	8 80	11.3	51	6 19	2,623	6 89
8	Confectionery.....	138	5 53	5 19	47.7	129	4 68	1,391	5 79
9	Druggists' sundries.....	37	7 31	6 54	48.0			123	6 93
10	Electrical goods.....	31	8 47	8 56	46.4	270	5 78	260	6 80
11	Gloves and mittens.....	45	7 69	7 45	46.4	50	6 26	47	7 19
12	Hardware specialties.....	10	6 44	5 73	49.0			71	5 44
13	Jeweler's findings.....	16	5 34	4 90	50.2			30	6 53
14	Knit goods.....	68	7 21	6 91	50.7			35	6 03
15	Ladies' hats.....	7	9 54	8 81	48.6			709	8 09
16	Meat packing.....	317	6 53	6 23	41.5	206	6 78	377	6 14
17	Metal goods.....	66	7 71	6 55	46.4			9	5 78
18	Paper boxes.....	172	6 78	6 49	41.6	160	4 95	940	5 41
19	Pianos and organs.....	19	7 81	7 82	50.9			143	5 92
20	Pipes and fittings.....	44	6 98	6 72	48.5			94	6 35
21	Rubber goods.....	12	9 70	8 38	47.3			107	6 98
22	Soap, toilet articles, etc.....	79	6 56	6 73	43.2			554	6 01
23	Tacks and wire nails.....	13	5 58	5 46	43.9	126	5 11	22	6 23
24	Tents, awnings, etc.....	10	8 35	8 33	48.3			240	7 26
25	Underwear.....	23	5 96	5 62	43.0	41	5 76	489	5 87
26	Watches.....	227	9 24	9 34	46.1			60	4 53
27	Woolen goods.....	28	6 18	6 02	47.4			213	5 69

Table 7 shows a comparative summary of weekly earnings derived from the figures given in Table 6. The per cent of the number in the present report, earning more than the average, is slightly less than shown for the other reports; however, the average earnings for this class is considerably greater, being \$8.71 a week. This is \$2.23, or 34.4 per cent more than shown for 1892, and \$1.60, or 22.5 per cent more than the census report.

TABLE 7—*Comparative Summary of Weekly Earnings of Women in Twenty-seven Selected Industries—Bureau Reports 1907 and 1892, Census Report 1904.*

PUBLICATIONS.	Number employed.	Average weekly earnings.	EARNINGS MORE THAN THE WEEKLY AVERAGES.		EARNINGS LESS THAN THE WEEKLY AVERAGES.	
			Per cent.	Average earnings.	Per cent.	Average earnings.
Bureau report 1906.....	1,595	\$7.36	39.3	\$8.71	60.7	\$6.48
Bureau report 1892.....	1,614	5.88	44.4	6.48	55.6	5.39
Bureau of the census 1904.....	12,809	6.56	48.3	7.11	51.7	6.05

The average weekly earnings this year of those receiving less than the average was \$6.48. This is the same amount as shown for those earnings more than the average in 1892, and an increase over that year for this class of \$1.09, or 20.2 per cent; also an increase over the census figures of 43 cents, or 7.1 per cent.

#### YEARLY EARNINGS.

The increase of the annual earnings of working women in this investigation has been given careful attention; the yearly earnings of each woman or girl was secured from the records of the establishment in which employed. The range of these individual earnings is shown in Table 32, wherein appears the actual amount received by each person for the year or for the time employed regardless of the weekly rates of wages. The average weekly wages shown is found by dividing the yearly earnings by the weeks employed.

Table 8 gives a list of twenty-four industries located exclusively in the city of Chicago; these industries are found to be identical to this investigation and that made by the census bureau in 1904, while in the report of this bureau for 1892 it is found that thirteen of the industries correspond with the particulars set forth in the table.

TABLE 8—*Comparative Summary of Yearly Earnings of Working Women Employed in Twenty-four Selected Industries, in Chicago—1906-1892 and 1904.*

Number.	INDUSTRIES.	WORKING WOMEN IN CHICAGO.						
		BUREAU REPORT 1906.			BUREAU REPORT 1892.		BUREAU OF CENSUS 1904.	
		Number employ- es.	Average yearly earnings, weeks at work.	Average weeks at work.	Number employ- es.	Average yearly earnings, full year.	Number employ- es.	Average yearly earnings, full year.
	Totals .....	1,406	\$295	43.36	1,404	\$291	16,558	\$330
1	Bakery .....	60	374	50.50	139	291	1,711	296
2	Blank books.....	4	235	52.06	171	309	662	330
3	Boots and shoes.....	42	324	37.33	252	337	710	455
4	Brooms.....	4	305	50.75	3	250	109	276
5	Chairs and baby carriages.....	15	386	51.60	106	243	12	365
6	Cigars .....	82	463	49.87	57	326	901	398
7	Confectionery .....	94	253	43.89	111	217	1,868	278
8	Druggists' sundries.....	37	314	48.00			117	375
9	Electrical goods.....	31	397	46.42	171	287	1,131	359
10	Gloves and mittens .....	45	343	46.38	32	330	667	323
11	Hardware specialties .....	10	281	49.00			100	362
11	Ink and mucilage .....	12	318	50.25			49	283
13	Jewelry.....	16	246	50.19			51	377
14	Knit goods .....	68	350	50.68			74	337
15	Ladies' hats.....	8	428	48.63			2,298	350
16	Meat packing .....	435	245	39.31	121	317	2,477	340
17	Paper boxes.....	213	265	40.92	122	259	1,411	280
18	Pianos and organs .....	19	398	50.89			128	291
19	Pipes and fittings.....	72	297	43.28			109	279
20	Rubber goods .....	12	397	47.33			374	251
21	Soaps, toilet articles, etc.....	81	285	42.11			664	337
22	Tacks and wire nails.....	13	240	43.92	86	263	72	347
23	Tents, awnings, etc .....	10	402	48.30			280	382
24	Underwear .....	23	242	43.04	33	259	583	314



In this comparison, the present investigation secured the record of 1,406 women in the twenty-four industries, whose actual yearly earnings were obtained, with the number of weeks each one appeared on the pay rolls in the different establishments where employed. From this record is derived the average yearly earnings and weeks employed in each industry. The time employed, and constituting the year's work for the number reporting, was 43.4 weeks, and the average earnings \$295. The number employed taken from the report of the bureau in 1892, found in thirteen of these industries, is 1,404. The report states that the record is for a full years employment; the average yearly earnings is found to be \$291. The number employed in these selected industries, taken from the census report for 1904, is 16,558 and the earnings given are for a full year's employment; the average found here is \$330.

While the average yearly earnings for the total number in the census report exceeds that shown by either of the other reports, the excess is made apparent by reference to the table, where, in several of the industries, the number of employes considered are excessively the greatest, and their rate greater than the average for all.

Table 9 shows a further comparison of the earnings taken from the three reports. The number embraced in both reports of this bureau is only 9.5 per cent of that given in the census report.

TABLE 9—*Comparative Summary of Yearly Earnings of Women in Twenty-four Selected Industries in Chicago—Bureau Reports, 1906 and 1892—Census Report, 1904.*

PUBLICATIONS.	Number employed.	Average yearly earnings.	EARNING MORE THAN YEARLY AVERAGE.		EARNING LESS THAN YEARLY AVERAGE.	
			Per cent.	Average earnings.	Per cent.	Average earnings.
Bureau Report, 1906.....	1,406	\$295	36.8	\$366	63.2	\$255
Bureau Report, 1892.....	1,404	291	55.0	318	45.0	257
Bureau of the Census, 1904	16,558	330	57.7	360	42.3	280

This shows the number and the level average for all reporting, also the per cent and average of all earning more than the average for all, also the same for those earning less than the average. For the present report 36.8 per cent had an average of \$366 a year, and 63.2 per cent with \$255 as an average; these averages as before noted are based on an average of 43.4 weeks, while in six of the industries, the weeks employed were less than this average.

Table 10 is a classification of the relative yearly earnings and the per cent of the number in each class found for the present report, also shown for the year 1892. The number of workers represented in the present report is about one-half of the number considered in the former report; the form of this presentation is made to compare with that shown in the 1892 report. The 1,303 shown for this year were reported as working fifty and fifty-two weeks; the 2,638 given in the report for 1892 are shown as working a full year.

TABLE 10—*Comparative Classification of Yearly Earnings, with Per Cent of Total Number in Each Class—1906 and 1892.*

CLASSIFICATION.	BUREAU REPORT, 1906		BUREAU REPORT, 1892	
	Number.	Per cent.	Number	Per cent.
Earning less than \$200.....	91	7.0	425	16.1
Earning from \$200 to \$350.....	582	44.7	1,537	58.3
Earning from \$350 to \$500.....	493	37.8	583	22.1
Earning \$500 and over.....	137	10.5	93	3.5
Total.....	1,303	100.0	2,638	100.0

It will be noticed that, for the present report, only seven per cent are reported as earning less than \$200, while there was sixteen per cent in this class in the report of 1892; also, that this year the other extreme shows eleven per cent reported as earning \$500 and over, against four per cent in 1892. The intermediate two classes combined show but slight variations; although the per cent in the class earning from \$350 to \$500 in the present report is much greater than shown in the former report.

Table 11 gives a more comprehensive exhibit of the yearly earnings of the 1,303 working women, found by the present investigation, who were employed a full year, or, from fifty to fifty-two weeks. This number is 57.7 per cent of the number reported for a whole or a part of a year.

The largest number shown here in any one class is 256 or 19.65 per cent receiving from \$300 to \$350 or an average of \$325; there were 417 or 32 per cent receiving less than \$300, or an average of \$233; earning from \$350 to \$500, there were 493 or 37.84 per cent, the average being \$411; this leaves 137 or 10.51 per cent receiving more than \$500, or an average of \$597.

TABLE II—*Classified Summary of Employés Working 50 and 52 Weeks, with Per Cent and Average Yearly Earnings.*

Rate of Wages per Year.	Number.	Per cent.	Average earnings per year.
Total.....	1,308	100.00	\$356
\$ 150 or under.....	17	1.30	125
150 and under \$ 200.....	74	5.68	175
200 and under 250.....	142	10.90	225
250 and under 300.....	184	14.12	272
300 and under 350.....	256	19.65	325
350 and under 400.....	238	18.27	372
400 and under 450.....	132	10.13	422
450 and under 500.....	123	9.44	473
500 and under 550.....	56	4.30	521
550 and under 600.....	31	2.37	576
600 and under 650.....	19	1.46	627
650 and under 700.....	11	.84	666
700 and under 750.....	11	.85	714
750 and under 800.....	2	.15	764
800 and under 850.....	2	.15	809
850 and under 900.....	2	.15	865
900 and under 950.....	2	.16	915
1,050 and under 1,100.....	1	.08	1,086

The level average for the whole number is found to be \$356; therefore this amount is deemed to be the average yearly earnings for women and girls in all occupations, and, as previously shown, they earn \$7.36 a week. The conclusion formed in the bureau report for 1892 was that women operatives earned an average of \$5.93 a week and \$297 a year. Reference to table 32 will reveal the experience of each woman and girl and the range of their earnings.

## LOST TIME.

Table 12 gives the average days of lost time for all employes in thirty of the thirty-seven industries; the causes considered for this loss of time, being, no work, sickness, and vacation without pay. Some marked differences appear in the number of days of lost time in the several industries, the range being from seven and a half days in brooms to 120 in shoes and slippers the level average is found to be twenty-three days in all industries from the causes named.

TABLE 12—*Time Lost, by Industries, caused by Lack of Employment, Sickness and Vacation.*

Industries.	Average days lost.	Industries.	Average days lost.
Bakeries.....	10.4	Letter files .....	8.2
Binding twine, canvas, etc.....	21.3	Meat packing.....	26.2
Boots and shoes.....	25.2	Metal goods.....	27.7
Brooms.....	7.5	Overalls.....	22.2
Chairs and baby carriages.....	9.0	Paper boxes.....	25.3
Chewing gum.....	14.9	Pianos and organs .....	25.2
Cigars.....	16.2	Pipes and fittings .....	32.4
Confectionery .....	20.0	Rubber goods.....	12.0
Druggists' sundries.....	16.5	Shoes and slippers.....	120.0
Gloves and mittens.....	57.0	Shoes.....	13.3
Hardware specialties.....	12.0	Soaps, tin cans, etc.....	17.0
Ink and mucilage.....	10.8	Tacks and wire nails.....	36.8
Knit goods .....	12.9	Underwear.....	18.0
Ladies' hats.....	21.4	Watches.....	30.5
Laundry.....	18.3	Woolen goods.....	32.3

## EMPLOYMENT AND YEARLY EARNINGS.

Table 13 shows a very complete and comprehensive record of the number of working women and their average yearly earnings in twenty-seven selected industries which are common wholly or partly to Illinois in this investigation and to thirty other states. The data shown for the several states have been compiled from the bulletins issued by the National Census Bureau of its investigation for the year 1904, of the manufacturing industries of this and other states. In this table of states Illinois is given first place, with the record secured for the present report. Parallel with this is the record of the State drawn from the report of the census bureau. These are then followed by the thirty other states.

TABLE 13—*Number of Working Women and Average Yearly Earnings in Twenty-seven Selected Industries in Illinois; also in Thirty Other States, Compiled from the Reports of the National Census Bureau for the Year 1904.*

Number.	INDUSTRIES.	ILLINOIS.				COLORADO.		CALIFORNIA.	
		BUREAU REPORT, 1906.		CENSUS OFFICE REPORT, 1904.		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.
		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.				
1	Bakery.....	60	\$374	1,923	\$293	444	\$358	169	\$408
2	Blank books.....	4	235	691	328	244	348	11	362
3	Boots and shoes.....	42	324	1,369	367	170	412		
4	Brooms.....	4	305	153	273	7	300	3	400
5	Chairs and baby carriages.....	15	386	12	364				
6	Cigars.....	82	463	1,329	355	310	314	90	424
7	Clothing.....	29	100	14,805	367	1,781	341	263	317
8	Confectionery.....	141	236	2,300	258	708	307	118	291
9	Druggists' sundries.....	37	314	141	378	45	322		
10	Electrical goods.....	31	397	1,186	356	32	328	41	427
11	Gloves and mittens.....	45	343	708	325	337	324		
12	Hardware specialties.....	10	281	157	326				
13	Ink and mucilage.....	12	318	31	302				
14	Jewelers' findings.....	16	246	51	377	10	415		
15	Knit goods.....	68	350	74	337				
16	Ladies' hats.....	8	428	2,384	350	168	303		
17	Meat packing.....	435	245	2,700	335	14	336		
18	Paper boxes.....	213	265	1,583	277	312	264	29	386
19	Pianos and organs.....	19	398	142	300				
20	Pipes and fittings.....	72	297	110	281				
21	Rubber goods.....	12	397	399	251				
22	Soap, toilet articles, etc.....	81	285	687	333	31	395	6	323
23	Tacks and wire nails.....	13	240	89	348				
24	Tents, awnings, etc.....	10	402	287	380	77	369	49	434
25	Underwear.....	23	242	1,625	283	194	381		
26	Watches.....	225	430	1,799	365				
27	Woolen goods.....	28	286	212	270	168	318		
	Totals and averages.....	1,738	\$307	36,947	\$339	5,052	\$333	779	\$362

Table 13—Continued.

Number.	INDUSTRIES.	CONNECTICUT.		GEORGIA.		INDIANA.		IOWA.	
		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.
1	Bakery .....	306	\$304	48	\$270	406	\$227	226	\$222
2	Blank books .....	35	343	8	223	47	237	22	313
3	Boots and shoes .....	187	364	35	164	71	240	200	342
4	Brooms .....	41	244	2	135	85	173	70	195
5	Chairs and baby carriages ..	2	195			4	325		
6	Cigars .....	226	317	160	248	941	228	676	279
7	Clothing .....	934	286	866	249	3,625	261	1,265	278
8	Confectionery .....	102	188	275	178	408	206	427	197
9	Druggists' sundries .....	25	290			178	260		
10	Electrical goods .....	403	303			184	260		
11	Gloves and mittens .....					218	222	134	313
12	Hardware specialties .....	2,356	277			1	90	37	283
13	Ink and muclage .....								
14	Jewelers' findings .....	16	166			2	371	16	364
15	Knit goods .....					890	269		
16	Ladies' hats .....	169	237			246	269		
17	Meat packing .....			2	390	282	322	130	290
18	Paper boxes .....	1,119	289	115	177	273	204	79	172
19	Pianos and organs .....	95	355			46	326		
20	Pipes and fittings .....	17	268						
21	Rubber goods .....	1,406	322			72	327		
22	Soap, toilet articles, etc .....	57	353	2	120	95	216	35	244
23	Tacks and wire nails .....	209	303						
24	Tents, awnings, etc .....	9	406			41	212		
25	Underwear .....	2,374	305	1,164	201				
26	Watches .....								
27	Woolen goods .....	1,627	342	947	201	571	242	169	269
	Totals and averages .....	11,715	\$302	2,924	\$216	8,626	\$251	3,428	\$264

Table 13—Continued.

Number.	INDUSTRIES.	KANSAS.		KENTUCKY.		LOUISIANA.		MAINE.	
		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.
1	Bakery.....	112	\$214	132	\$231	42	\$221	86	\$239
2	Blank books.....	32	240	4	303	9	388	33	315
3	Boots and shoes.....			251	232	62	250	1,791	369
4	Brooms.....	9	258	7	199			19	186
5	Chairs and baby carriages.....								
6	Cigars.....	188	293	491	252	930	218	55	248
7	Clothing.....	165	242	3,235	280	1,191	184	973	222
8	Confectionery.....	27	163	379	166	179	180	137	176
9	Druggists' sundries.....								
10	Electrical goods.....			13	250				
11	Gloves and mittens.....								
12	Hardware specialties.....							1	456
13	Ink and mucilage.....								
14	Jewelers' findings.....								
15	Knit goods.....								
16	Ladies' hats.....					108	268		
17	Meat packing.....	687	295	1	240			2	400
18	Paper boxes.....					74	223	168	270
19	Pianos and organs.....								
20	Pipes and fittings.....								
21	Rubber goods.....								
22	Soap, toilet articles, etc.....	67	222	16	304				
23	Tacks and wire nails.....								
24	Tents, awnings, etc.....			10	301	12	266	6	240
25	Underwear.....							44	195
26	Watches.....								
27	Woolen goods.....			483	237			2,233	349
	Totals and averages.....	1,237	\$273	5,022	\$248	2,602	\$204	5,598	\$322

Table 13—Continued.

Number.	INDUSTRIES.	MARYLAND.		MASSACHUSETTS.		MICHIGAN.		MINNESOTA.	
		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.
1	Bakery .....	156	\$196	1,060	\$295	464	\$219	370	\$271
2	Blank books .....	63	274	1,141	304	98	262	66	324
3	Boots and shoes .....	296	296	20,139	408	573	277	599	277
4	Broom .....	36	193	837	201	234	133	4	186
5	Chairs and baby carriages .....			46	447	4	374	24	212
6	Cigars .....	1,283	302	1,033	375	2,690	308	459	303
7	Clothing .....	5,973	235	6,066	320	3,611	284	1,602	272
8	Confectionery .....	533	200	2,726	237	467	201	422	206
9	Druggists' sundries .....	396	234	174	237	1,182	270	14	340
10	Electrical goods .....	14	186	1,499	348	143	177	2	488
11	Gloves and mittens .....			112	350	53	270	48	248
12	Hardware specialties .....			24	259	33	320	1	239
13	Ink and mucilage .....			84	282				
14	Jewelers' findings .....	4	312	1,996	358	1	130	4	236
15	Knit goods .....			5	242				
16	Ladies' hats .....	150	194	1,878	365				
17	Meat packing .....			20	229	1	390	24	355
18	Paper boxes .....	365	222	2,059	290	536	218	199	272
19	Pianos and organs .....			60	379	32	332		
20	Pipes and fittings .....	27	148			18	370		
21	Rubber goods .....			1,938	341				
22	Soap, toilet articles, etc. ....	9	231	99	206	34	204	24	231
23	Tacks and wire nails .....			235	311				
24	Tents, awnings, etc. ....	12	293	82	363	32	268	54	311
25	Underwear .....	612	208	5,498	324	2,342	209	478	308
26	Watches .....								
27	Woolen goods .....	246	251	6,883	379	212	268	161	330
	Totals and averages .....	10,105	\$240	55,694	\$357	12,760	\$261	4,555	\$277



Table 13—Continued.

Number.	INDUSTRIES.	MISSOURI.		NEBRASKA.		NEW HAMPSHIRE.		NEW JERSEY.	
		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.
1	Bakery .....	1,126	\$268	89	\$263	60	\$281	187	\$285
2	Blank books .....	204	272			1	382	111	252
3	Boots and shoes .....	3,485	354	41	352	3,379	357	1,388	298
4	Brooms .....	6	308			33	317	144	255
5	Chairs and baby carriages ..	24	346					7	189
6	Cigars .....	169	320	110	306	58	346	3,977	245
7	Clothing .....	5,415	314	585	294	578	310	5,208	269
8	Confectionery .....	997	243	153	266	13	268	455	250
9	Druggists' sundries .....	182	280					169	231
10	Electrical goods .....	239	341			39	256	2,353	237
11	Gloves and mittens .....					60	276	149	279
12	Hardware specialties .....			7	260			184	311
13	Ink and mucilage .....							14	205
14	Jewelers' findings .....	30	373					759	359
15	Knit goods .....							14	210
16	Ladies' hats .....	265	295					1,057	258
17	Meat packing .....	39	194	228	550			2	364
18	Paper boxes .....	566	256			151	317	921	241
19	Pianos and organs .....							73	392
20	Pipes and fittings .....	2	409					4	439
21	Rubber goods .....							307	352
22	Soap, toilet articles, etc .....	193	240	43	267			84	352
23	Tacks and wire nails .....								
24	Tents, awnings, etc .....	173	308	22	334			16	377
25	Underwear .....					1,791	289	1,077	262
26	Watches .....							365	404
27	Woolen goods .....	58	230			1,531	367	1,043	328
	Totals and averages .....	13,173	\$310	1,278	\$337	7,697	\$337	20,068	\$277

Table 13—Continued.

Number.	INDUSTRIES.	NEW YORK.		NORTH CAROLINA.		OHIO.		OREGON.	
		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.
1	Bakery .....	2,912	\$298	5	\$167	1,244	\$209	120	\$251
2	Blank books .....	3,946	325			160	271	31	335
3	Boots and shoes .....	5,678	342	26	154	5,315	286	1	790
4	Brooms .....	926	208			194	247	10	300
5	Chairs and baby carriages .....	5	314			75	280		
6	Cigars .....	15,249	354	530	219	5,994	285	33	402
7	Clothing .....	60,661	351	711	202	8,892	306	311	333
8	Confectionery .....	4,306	250	16	143	1,122	226	76	249
9	Druggists' sundries .....	508	308			137	255		
10	Electrical goods .....	1,854	312			1,352	280		
11	Gloves and mittens .....	3,056	300			61	271	8	269
12	Hardware specialties .....	185	281			266	272		
13	Ink and mucilage .....	64	285						
14	Jewelers' findings .....	527	417			31	324		
15	Knit goods .....	111	135						
16	Ladies' hats .....	14,055	354			393	274		
17	Meat packing .....	163	323			35	231	1	520
18	Paper boxes .....	6,763	266	17	193	1,173	221	29	253
19	Pianos and organs .....	67	311			26	334		
20	Pipes and fittings .....	3	391			3	275		
21	Rubber goods .....	1,208	304			896	309		
22	Soap, toilet articles, etc. ....	660	236			630	213		
23	Tacks and wire nails .....	57	164			137	279		
24	Tents, awnings, etc. ....	170	340			126	278	14	445
25	Underwear .....	19,421	319	1,554	206	1,840	283		
26	Watches .....								
27	Woolen goods .....	1,259	345	150	164	377	273	216	292
	Totals and averages .....	143,813	\$335	3,009	\$204	30,469	\$278	850	\$305

Table 13—Continued.

Number.	INDUSTRIES.	PENN- SYLVANIA.		TENNESSEE.		TEXAS.		UTAH.	
		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.
1	Bakery .....	1,060	\$263	162	\$184	141	\$204	59	\$222
2	Blank books .....	893	300						
3	Boots and shoes .....	2,978	279	60	275	3	416	32	268
4	Brooms .....	117	241	1	156	1	180		
5	Chairs and baby carriages ..	54	218						
6	Cigars .....	14,386	276	13	361	90	233	18	270
7	Clothing .....	11,139	289	1,556	186	594	236		
8	Confectionery .....	2,537	217	268	236	208	165	227	212
9	Druggists' sundries .....	887	242	9	285				
10	Electrical goods .....	1,069	351						
11	Gloves and mittens .....	28	213						
12	Hardware specialties .....	410	264						
13	Ink and mucilage .....	5	341						
14	Jewelers' findings .....	74	347						
15	Knit goods .....	23	172						
16	Ladies' hats .....	1,865	293	56	308	34	192		
17	Meat packing .....	26	\$43	1	200	85	220		
18	Paper boxes .....	2,567	261	116	199				
19	Pianos and organs .....	6	207						
20	Pipes and fittings .....	50	253						
21	Rubber goods .....	136	303						
22	Soap, toilet articles, etc. ....	323	306	23	221	3	333		
23	Tacks and wire nails .....	38	287						
24	Tents, awnings, etc .....	46	311	20	241	32	298		
25	Underwear .....	18,975	266	1,083	183			156	268
26	Watches .....								
27	Woolen goods .....	3,302	309	564	207			119	262
	Totals and averages .....	63,444	\$276	3,932	\$196	1,191	\$219	606	\$241

Table 13—Concluded.

Number.	INDUSTRIES.	VERMONT.		VIRGINIA.		WASHINGTON.		WISCONSIN.	
		Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.	Number employed.	Average yearly earnings.
1	Bakery .....	39	\$291	70	\$170	87	\$374	399	\$235
2	Blank books .....			101	176	11	303	327	197
3	Boots and shoes .....	99	345	342	177	28	306	991	304
4	Brooms. ....			1	150	2	200	14	197
5	Chairs and baby carriages ..							10	200
6	Cigars. ....	3	268	2,688	219	26	346	467	243
7	Clothing .....	1,010	273	651	212	150	347	2,571	265
8	Confectionery .....	71	179	71	218	264	316	650	195
9	Druggists' sundries .....					4	263		
10	Electrical goods.....							59	269
11	Gloves and mittens.....			245	129	34	343	897	264
12	Hardware specialties.....							2	125
12	Ink and muclage.....								
14	Jewelers' findings .....					1	500	6	250
15	Knit goods.....							26	180
16	Ladies' hats .....							268	271
17	Meat packing.....			4	288	3	649	8	328
18	Paper boxes .....	57	250	478	154	40	274	230	256
19	Pianos and organs.....								
20	Pipes and fittings .....							10	220
21	Rubber goods.....							150	296
22	Soap, toilet articles, etc.....					5	300	56	210
23	Tacks and wire nails.....							6	158
24	Tents, awnings, etc.....					16	566	16	232
25	Underwear.....	590	384	1,077	198			3,251	265
26	Watches .....								
27	Woolen goods .....	624	358	238	225			415	265
	Totals and averages.....	2,493	\$321	5,966	\$202	671	\$337	10,829	\$260

Table 14 is a summary of Table 13, and shows the number of industries represented in each of the thirty-one states; also the number employed and the average yearly earnings, with the per cent of the number and average earnings of those receiving more than the average, and the same for all receiving less than the average.

The number and average earnings derived from the bureau report for this year are shown in this table for comparison only, and are not considered in the results obtained from the census reports.

The present report shows \$307 as the level average earnings for 1,738 women for the year, which amount is identical with that shown for all of the states. The census reports give the whole number employed in each of the industries named with the aggregate earnings for the year; from this base all the average earnings and percentages have been obtained. The twenty-seven industries represented are shown only for this State, in both the bureau and census reports; the number for other states range from six in Utah to twenty-six in New Jersey, New York and Pennsylvania.

Eleven states, from which 10,000 or more employes appear, and representing 85.8 per cent of the total number, are, in rank, as to numbers: New York, 143,813; Pennsylvania, 63,444; Massachusetts, 55,694; Illinois, 36,947; Ohio, 30,469; New Jersey, 20,068; Missouri, 13,173; Michigan, 12,760; Connecticut, 11,715; Wisconsin, 10,829; Maryland, 10,105.

In rank as to average yearly earnings, Massachusetts shows \$357; Illinois, \$339; New York, \$335; Missouri, \$310; Connecticut, 302; Ohio, \$278; New Jersey, \$277; Pennsylvania, \$276; Michigan, \$261; Wisconsin, \$260, and Maryland, \$240.

The proportion found to have earned more than the average shown for each state rank as shown in the following percentages: Wisconsin, 79.5; Missouri, 78.7; Connecticut 68.7; New York, 67.9; Michigan, 66.9; Illinois, 63.5; Ohio, 61.3; Massachusetts, 57.7; Pennsylvania, 57.1; New Jersey, 34.5; Maryland, 18.2.

TABLE 14—*Recapitulation of Table 13 Showing by States the Total Number Employed and the Average Yearly Earnings; also the Per Cent and Average Earnings of all Receiving More and Less than the Average. Drawn from the Reports of the U. S. Bureau of the Census, 1904.*

Number.	THE STATES.	Number of industries represented.	Number employed.	Average yearly earnings.	PER CENT OF THE NUMBER, AND AVERAGE YEARLY EARNINGS OF ALL RECEIVING—			
					MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.	
					Number.	Earnings	Number.	Earnings
	Thirty-one states .....	27	476,581	\$307	57.3	\$339	42.9	\$265
1	Illinois bureau report, 1906 .....	27	1,738	307	38.5	395	61.5	252
	Census bureau, 1904 .....	27	36,947	339	63.5	364	36.5	297
2	California .....	18	5,052	333	58.7	352	41.3	305
3	Colorado .....	10	779	362	50.3	414	49.7	309
4	Connecticut .....	22	11,715	302	68.7	315	31.3	274
5	Georgia .....	12	2,924	216	37.1	250	62.9	196

Table 14—Concluded.

Number.	THE STATES.	Number of industries represented.	Number employed.	Average yearly earnings.	PER CENT OF THE NUMBER, AND AVERAGE YEARLY EARNINGS OF ALL RECEIVING—			
					MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.	
					Number.	Earnings	Number.	Earnings
6	Indiana.....	22	8,626	\$251	62.6	\$267	37.4	\$224
7	Iowa.....	14	3,426	264	71.8	286	28.2	207
8	Kansas.....	8	1,287	273	68.0	294	32.0	226
9	Kentucky.....	12	5,022	248	75.0	259	25.0	214
10	Louisiana.....	9	2,602	204	47.4	226	52.7	183
11	Maine.....	13	5,598	322	72.8	358	27.2	226
12	Maryland.....	17	10,105	240	18.2	294	81.9	228
13	Massachusetts.....	25	55,694	357	57.2	395	42.3	305
14	Michigan.....	21	12,760	261	66.9	289	33.1	205
15	Minnesota.....	19	4,555	277	40.8	300	59.2	260
16	Missouri.....	18	13,173	310	78.7	322	21.4	268
17	Nebraska.....	9	1,278	337	21.1	520	79.0	288
18	New Hampshire.....	12	7,697	337	64.6	360	35.4	294
19	New Jersey.....	26	20,068	277	34.5	315	65.5	257
20	New York.....	26	143,813	335	67.9	352	32.1	297
21	North Carolina.....	8	3,009	204	69.3	209	30.7	193
22	Ohio.....	24	30,469	278	61.3	297	38.7	219
23	Oregon.....	12	850	305	46.0	344	54.0	271
24	Pennsylvania.....	26	63,444	276	57.1	288	42.9	200
25	Tennessee.....	14	3,932	196	28.7	225	71.3	185
26	Texas.....	10	1,191	219	67.8	237	32.2	182
27	Utah.....	6	606	241	52.5	265	47.2	214
28	Vermont.....	8	2,493	321	52.7	369	47.3	267
29	Virginia.....	12	5,966	202	61.2	218	38.8	176
30	Washington.....	14	671	337	47.2	368	52.8	309
31	Wisconsin.....	23	10,829	260	79.5	270	20.5	220

The summing up of the whole matter is that 476,581 women and girls, sixteen years of age and over, employed in the manufacturing establishments in thirty-one states and working in from six to twenty-seven industries, earned an average of \$307; that 57.3 per cent of the number earned more than the average for all, or \$339, and that 42.7 per cent earned less than the average, or \$265.

TIME LEAVING HOME FOR WORK AND REACHING HOME FROM WORK,  
RIDE OR WALK, CAR FARE.

Table 15 shows the record obtained from those reporting as to the hours when leaving home for work and the hours reaching home after the day's work; 2,535 reported as to the time leaving home for work, of this number 20.8 per cent had to leave home in the morning before 6:30 o'clock; 54.6 per cent from 6:30 to 7:00 and 24.6 per cent at 7:00 a. m. or later.

The number reporting the time arriving home from work was 2,486, of this number 9.1 per cent reached home in the evening before 5:00 to 5:30; 20 per cent from 5:30 to 6:00; 49.2 per cent from 6:00 to 6:30, and 21.7 per cent 6:30 and later.

CAR FARE.

Car fare is an expense incident to the working girl, especially in the larger cities, where factories and other places are liable to be located remote from residence districts. The record here shown is for 2,484 women or girls, 60.7 per cent walk to and from their work; 35.4 per cent use the cars, and 3.9 per cent both ride and walk. Of those who ride 97.7 per cent pay from 5 to 10 cents a day, the remaining number pay from 15 to 25 cents a day. The small proportion who both ride and walk report as paying from 4 cents to 10 cents a day.

TABLE 15—*Hour of Leaving Home and Returning from Work, with  
Manner of Reaching Same.*

INDUSTRIES.	HOURS LEAVING HOME FOR WORK.			HOURS REACHING HOME FROM WORK.				RIDE OR WALK.		
	Before 6:30 a. m.	6:30 a. m. to 7 a. m.	7 a. m. and later.	Before 5 p. m. to 5:30 p. m.	5:30 p. m. to 6 p. m.	6 p. m. to 6:30 p. m.	6:30 p. m. and later.	Walk.	Ride.	Both.
All industries .....	527	1,384	624	227	496	1,224	539	1,507	880	97
Bakery .....	15	44	1	5	23	22	10	17	42	.....
Binding twine, canvass, etc .....	72	97	1	2	63	90	15	149	21	.....
Blank books .....	1	.....	3	.....	.....	2	2	3	1	.....
Bonnets .....	.....	17	2	.....	1	9	9	16	3	.....
Boots and shoes .....	3	10	29	2	6	29	5	24	20	.....
Brooms .....	3	1	.....	.....	.....	4	.....	4	.....	.....
Chairs and baby carriages .....	3	12	.....	.....	.....	6	9	13	1	1
Chewing gum .....	.....	9	38	11	7	15	14	23	21	3
Cigars .....	2	12	68	2	16	46	18	18	54	9
Clothing .....	1	24	6	2	13	3	13	8	19	4

Table 15—Concluded.

INDUSTRIES.	HOURS LEAVING HOME FOR WORK.			HOURS REACHING HOME FROM WORK.				RIDE OR WALK.		
	Before 6:30 a. m.	6:30 a. m. to 7 a. m.	7 a. m. and later.	Before 5 p. m. to 5:30 p. m.	5:30 p. m. to 6 p. m.	6 p. m. to 6:30 p. m.	6:30 p. m. and later.	Walk.	Ride.	Both.
Confectionery.....	23	85	33	12	39	54	36	88	55	3
Druggists' sundries.....	9	11	17	.....	3	18	16	24	11	1
Electrical goods.....	7	17	10	2	5	18	9	6	24	.....
Gloves and mittens.....	4	17	27	1	16	23	8	38	8	3
Hardware specialties.....	5	5	.....	.....	1	6	3	4	6	.....
Ink and mucilage.....	1	9	2	.....	3	8	1	7	2	2
Jewelers' findings.....	.....	16	.....	.....	8	8	.....	12	2	2
Knit goods.....	4	16	48	3	19	36	10	28	38	2
Ladies' hats.....	.....	.....	8	.....	2	4	2	7	1	.....
Laundry.....	22	95	56	1	5	74	93	70	90	7
Letter files.....	.....	.....	13	.....	.....	12	1	6	6	1
Meat packing.....	199	233	14	19	65	272	49	353	78	2
Metal goods.....	21	81	2	.....	9	74	20	50	49	.....
Overalls.....	.....	19	.....	.....	.....	18	1	19	.....	1
Paper boxes.....	15	81	120	20	86	90	19	72	120	10
Pianos and organs.....	.....	.....	19	13	6	.....	.....	19	.....	.....
Pipes and fittings.....	38	34	.....	10	26	28	8	42	20	5
Rubber goods.....	4	8	.....	3	5	3	1	6	4	1
Shoes and slippers.....	1	4	.....	1	3	1	.....	.....	4	1
Shoes.....	14	132	53	4	17	109	69	119	71	6
Soap, toilet articles, etc.....	26	41	15	10	9	30	27	42	33	6
Tacks and wire nails.....	.....	6	7	.....	2	9	2	9	4	.....
Telephone mfg.....	4	12	9	.....	3	14	8	6	19	.....
Tents, awnings, etc.....	1	6	3	.....	.....	7	3	3	7	.....
Underwear.....	.....	4	19	.....	3	9	11	.....	21	2
Watches.....	25	202	1	104	32	68	24	182	21	21
Woolen goods.....	4	24	.....	.....	.....	5	23	20	4	4

## RESIDENCE AND CONJUGAL CONDITION.

Table 16 shows the residence and conjugal condition of 2,538 of the women and girls considered in this report, only seven failed to report.



The important fact is here shown that 83.7 per cent of these girls live at home with their parents; 12.1 per cent live in private families, thus comprising 95.8 per cent under direct home or domestic influences, leaving 4.2 per cent living in boarding or lodging houses, separated from home influences.

Considering the conjugal conditions, reports were secured from 2,456 or 95.5 per cent of the whole number; of this number 92.1 per cent were unmarried; the married 4.5 per cent and the widowed 3.4 per cent. The exceedingly large proportion of the young and unmarried women is indicative that the employment of married women is exceptional in a majority of industries. In this showing there are only eight married and widowed women in every 100 reported.

TABLE 16—*Residence and Conjugal Conditions.*

INDUSTRIES.	Establishments.	RESIDENCE.				Total.	CONJUGAL RELATIONS.			
		At home.....	In private family.	In boarding house.	Not reporting and in lodging house.		Married.	Single.	Widowed.	Not reported.
All industries.....	86	2,125	307	64	*49	2,545	110	2,262	84	89
Bakery.....	4	51	8	1	.....	60	.....	57	1	2
Binding twine, canvas goods, etc.	1	152	18	.....	.....	170	2	162	1	4
Blank books, mfg.....	1	3	1	.....	.....	4	.....	4	.....	.....
Bonnets.....	1	17	2	.....	.....	19	.....	19	.....	.....
Boots and shoes.....	3	41	1	.....	.....	42	2	38	.....	2
Brooms.....	1	2	2	.....	.....	4	.....	.....	.....	4
Chairs.....	1	11	4	.....	.....	15	1	14	.....	.....
Chewing gum.....	2	42	5	.....	.....	47	1	46	.....	.....
Cigars.....	6	71	10	.....	1	82	9	71	2	.....
Clothing.....	1	29	2	.....	.....	31	1	25	1	4
Confectionery.....	6	132	6	2	1	141	.....	133	.....	8
Druggists' sundries.....	1	33	3	1	.....	37	1	34	1	1
Electrical goods.....	1	28	6	.....	1	35	.....	31	1	3
Gloves and mittens.....	1	48	1	.....	.....	49	1	47	1	.....
Hardware specialties.....	1	7	3	.....	.....	10	.....	10	.....	.....
Ink and mucilage.....	1	10	2	.....	.....	12	.....	11	1	.....
Jewelers' findings, etc.....	1	14	2	.....	.....	16	.....	16	.....	.....
Knit goods.....	2	65	3	.....	.....	68	8	59	4	2
Ladies' hats.....	1	7	1	.....	.....	8	.....	7	1	.....
Laundry.....	13	155	16	1	2	174	9	156	8	1
Letter files.....	1	9	4	.....	.....	13	.....	12	1	.....

Table 16—Concluded.

INDUSTRIES.	Establishments.	RESIDENCE.				Total.	CONJUGAL RELATIONS.			
		At home.	In private family.	In boarding house.	Not reporting and in lodging house.		Married.	Single.	Widowed.	Not reported.
Meat packing .....	7	352	48	24	27	451	37	373	27	14
Metal goods.....	3	84	21			105	2	98	2	3
Overalls .....	1	18	1			19	3	15	1	
Paper boxes.....	9	196	19		2	217	3	192	2	20
Pianos and organs. ....	1	19				19		19		
Pipes and fittings.....	1	36	27	3	6	72	3	61		8
Rubber goods .....	1	10	2			12	1	11		
Shoes and slippers.....	1	5				5		4	1	
Shoes.....	3	162	29	3	5	199	7	184	5	3
Soap, toilet articles, etc.....	2	67	14	1		82	4	70	1	7
Tacks and wire nails.....	1	12	1			13		11	2	
Telephone, mfg.....	1	21	4			25		24		1
Tents, awnings, etc. ....	1	10				10	1	9		
Underwear.....	1	20		3		23	1	16	5	1
Watches.....	2	161	38	25	4	228	18	198	14	1
Woolen goods.....	1	25	3			28		27	1	

\* Not reporting, 7: In lodging house, 42.

#### BOARD AND LODGING.

Table 17 presents a classification by industries of the amounts paid for board and lodging, also the number and places of residence. The whole number reporting as to these items was 2,490. Of this number 2,094, or 84.1 per cent, reported as living at home; 272, or 10.9 per cent, in private families; 47 or 1.9 per cent, in boarding houses; and eight-tenths of 1 per cent in lodging houses; while 57, or 2.3 per cent, reported taking meals outside or away from their places of residence. Of the 2,094 reporting as living at home, 1,547 reported that they gave all their earnings to the family; three reported as paying half their wages to the family and two reported that they paid no board. This makes a total of 1,552, or 74.1 per cent, of those living at home who practically contributed their entire earnings to the family fund.

The number of girls living at home and reporting as paying specified amounts for board, as their contribution to assist in the support of the family wherein they were members, was 542, or 25.9 per cent, of the whole number living at home.

Considering those who reported living at home and paying board, it is found that the number paying from \$2.00 to \$3.00 was 109, or 20.1 per cent; from \$3.00 to \$4.00, 203, or 37.5 per cent; from \$4.00 to \$5.00, 103 or 19 per cent; from \$5.00 to \$6.00, 87, or 16 per cent; from \$6.00 to \$7.00 and \$7.00 to \$8.00, each 19, or 3.5 per cent; and two from \$8.00 to \$9.00, or four-tenths of 1 per cent. The number of girls reporting as boarding or living in private families was 272. Of this number, eight reported as giving all their earnings to the home, and these presumably were members of families wherein boarders were kept as a means of maintaining family expenses. The number living in private families and paying board was, therefore, 264. Of this number, 80, or 30.3 per cent paid from \$2.00 to \$3.00 a week; 125, or 47.3 per cent, \$3.00 to \$4.00; 43, or 16.3 per cent, \$4.00 to \$5.00; 11, or 4.2 per cent, \$5.00 to \$6.00; and 5, or 1.9 per cent, from \$6.00 to \$8.00 a week. Taking the number in both classes, those who pay for their board at home and those boarding in private families, at the several rates paid each week, estimated on the same basis, it is found that those living at home pay an average of \$3.50 each week, while those boarding in private families pay an average of \$4.00 a week. The women and girls living in boarding houses number 47. These each pay at the average of \$3.33 a week; 36 per cent report paying from \$2.00 to \$3.00; and 51 per cent from \$3.00 to \$4.00; of the others each pay an average of \$5.00 a week. The comparatively small numbers reported who are compelled, or by choice, live in lodging houses pay an average each of \$2.85 a week; 65 per cent paying from \$2.00 to \$3.00; and 35 per cent, from \$3.00 to \$7.00, or an average of \$4.93 a week.

TABLE 17—*Classification of Amounts Paid for Board and the Number at Different Boarding Places.*

INDUSTRIES AND CLASSIFICATION OF AMOUNTS PAID A WEEK FOR BOARD.	Total number.	NUMBER REPORTING PAYMENT OF BOARD AT—					
		Home.	Private house.	Boarding house.	Lodging house.	Meals.	Not reported.
ALL INDUSTRIES .....	2,545	2,094	272	47	20	57	55
BAKERIES .....	60	50	8	1	.....	.....	1
Pay all earnings to home.....	39	39	1	.....	.....	.....	.....
\$2 but under \$3.....	2	2	.....	.....	.....	.....	.....
3 but under 4.....	5	3	2	1	.....	.....	.....
4 but under 5.....	8	3	5	.....	.....	.....	.....
5 but under 6.....	1	1	.....	.....	.....	.....	.....
6 but under 7.....	1	1	.....	.....	.....	.....	.....
7 but under 8.....	2	2	.....	.....	.....	.....	.....
9 and over.....	1	1	.....	.....	.....	.....	.....
Not reported.....	1	.....	.....	.....	.....	.....	1

Table 17—Continued.

INDUSTRIES AND CLASSIFICATION OF AMOUNTS PAID A WEEK FOR BOARD.	Total number.	NUMBER REPORTING PAYMENT OF BOARD AT—					
		Home.	Private house.	Boarding house.	Lodging house.	Meals.	Not reported.
<b>BINDING TWINE</b> .....	170	153	17	.....	.....	.....	.....
Pay all earnings to home.....	135	135	.....	.....	.....	.....	.....
\$2 but under \$3.....	3	1	2	.....	.....	.....	.....
3 but under 4.....	24	10	14	.....	.....	.....	.....
4 but under 5.....	4	3	1	.....	.....	.....	.....
5 but under 6.....	3	3	.....	.....	.....	.....	.....
6 but under 7.....	1	1	.....	.....	.....	.....	.....
<b>BLANK BOOKS</b> .....	4	3	1	.....	.....	.....	.....
Pay all earnings to home.....	3	3	.....	.....	.....	.....	.....
\$3.....	1	.....	1	.....	.....	.....	.....
<b>BONNETS</b> .....	19	13	2	.....	.....	.....	4
Pay all earnings to home.....	5	5	.....	.....	.....	.....	.....
\$2 but under \$3.....	5	5	.....	.....	.....	.....	.....
3 but under 4.....	5	3	2	.....	.....	.....	.....
Not reported.....	4	.....	.....	.....	.....	.....	4
<b>BOOTS AND SHOES</b> .....	42	39	1	.....	.....	.....	2
Pay all earnings to home.....	25	25	.....	.....	.....	.....	.....
\$2 but under \$3.....	1	1	.....	.....	.....	.....	.....
3 but under 4.....	5	4	1	.....	.....	.....	.....
4 but under 5.....	5	5	.....	.....	.....	.....	.....
5 but under 6.....	3	3	.....	.....	.....	.....	.....
6 but under 7.....	1	1	.....	.....	.....	.....	.....
Not reported.....	1	.....	.....	.....	.....	.....	2
<b>BROOMS</b> .....	4	4	.....	.....	.....	.....	.....
Pay all earnings to home.....	2	2	.....	.....	.....	.....	.....
\$2 but under \$3.....	2	2	.....	.....	.....	.....	.....
<b>CHAIRS AND BABY CARRIAGES</b> .....	15	11	4	.....	.....	.....	.....
Pay all earnings to home.....	6	6	.....	.....	.....	.....	.....
\$2 but under \$3.....	2	.....	2	.....	.....	.....	.....
3 but under 4.....	3	1	2	.....	.....	.....	.....
4 but under 5.....	1	2	.....	.....	.....	.....	.....
5 but under 6.....	1	1	.....	.....	.....	.....	.....
6 but under 7.....	1	1	.....	.....	.....	.....	.....
<b>CHEWING GUM</b> .....	47	42	5	.....	.....	.....	.....
Pay all earnings to home.....	28	28	.....	.....	.....	.....	.....
\$2 but under \$3.....	2	1	1	.....	.....	.....	.....
3 but under 4.....	10	7	3	.....	.....	.....	.....
4 but under 5.....	5	4	1	.....	.....	.....	.....
5 but under 6.....	2	2	.....	.....	.....	.....	.....

Table 17—Continued.

INDUSTRIES AND CLASSIFICATION OF AMOUNTS PAID A WEEK FOR BOARD.	Total number.	NUMBER REPORTING PAYMENT OF BOARD AT—					
		Home.	Private house.	Boarding house.	Lodging house.	Meals.	Not reported.
<b>CIGARS</b> .....	82	73	8		1		
Pay all earnings to home.....	54	54					
\$2 but under \$3.....	2	2					
3 but under 4.....	9	4			1		
4 but under 5.....	6	4					
5 but under 6.....	7	5					
6 but under 7.....	2	2					
7 but under 8.....	2	2					
<b>CLOTHING</b> .....	31	29	2				
Pay all earnings to home.....	29	28	1				
\$2 but under \$3.....	1		1				
3 but under 4.....	1	1					
<b>CONFECTIONERY</b> .....	141	131	5	1		1	3
Pay all earnings to home.....	84	84					
\$2 but under \$3.....	21	19	2				
3 but under 4.....	13	9	2				
4 but under 5.....	10	9	1				
5 but under 6.....	5	4		1			
6 but under 7.....	1	1					
7 but under 8.....	4	4					
8 but under 9.....	1	1					
Not reported.....	3						3
<b>DRUGGISTS' SUNDRIES</b> .....	37	33	3		1		
Pay all earnings to home.....	28	28					
\$2 but under \$3.....	2	1	1				
3 but under 4.....	1		1				
4 but under 5.....	2	1	1				
5 but under 6.....	3	3					
6 but under 7.....	1				1		
<b>ELECTRICAL GOODS</b> .....	35	30	5				
Pay all earnings to home.....	18	18					
Pay one-half earnings to home.....	1	1					
\$2 but under \$3.....	1		1				
3 but under 4.....	9	5	4				
4 but under 5.....	1	1					
5 but under 6.....	4	4					
7 but under 8.....	1	1					
<b>GLOVES AND MITTENS</b> .....	49	47	1				1
Pay all earnings to home.....	33	33					
\$2 but under \$3.....	5	4	1				
4 but under 5.....	3	3					
5 but under 6.....	4	4					
6 but under 7.....	2	2					
7 but under 8.....	1	1					
Not reported.....	1						1

Table 17—Continued.

INDUSTRIES AND CLASSIFICATION OF AMOUNTS PAID A WEEK FOR BOARD.	Total number.	NUMBER REPORTING PAYMENT OF BOARD AT—					
		Home.	Private house.	Boarding house.	Lodging house.	Meals.	Not reported.
<b>HARDWARE SPECIALTIES.....</b>	<b>10</b>	<b>8</b>	<b>2</b>				
Pay all earnings to home.....	1	1					
\$2 but under \$3.....	6	5	1				
3 but under 4.....	3	2	1				
<b>INK AND MUCILAGE.....</b>	<b>12</b>	<b>10</b>	<b>2</b>				
Pay all earnings to home.....	8	8					
\$2 but under \$3.....	1	1	1				
3 but under 4.....	2	1	1				
5 but under 6.....	1	1					
<b>JEWELERS FINDINGS.....</b>	<b>16</b>	<b>15</b>	<b>1</b>				
Pay all earnings to home.....	4	4					
\$2 but under \$3.....	4	3	1				
3 but under 4.....	5	5					
4 but under 5.....	2	2					
5 but under 6.....	1	1					
<b>KNIT GOODS.....</b>	<b>68</b>	<b>64</b>	<b>4</b>				
Pay all earnings to home.....	50	49	1				
\$2 but under \$3.....	3	3					
3 but under 4.....	7	4	3				
4 but under 5.....	4	4					
5 but under 6.....	4	4					
<b>LADIES' HATS.....</b>	<b>8</b>	<b>7</b>	<b>1</b>				
Pay all earnings to home.....	5	5					
\$2 but under \$3.....	2	1	1				
5 but under 6.....	1	1					
<b>LAUNDRY.....</b>	<b>174</b>	<b>149</b>	<b>15</b>	<b>1</b>	<b>2</b>		<b>7</b>
Pay all earnings to home.....	110	109	1		1		
\$2 but under \$3.....	13	9	3		1		
3 but under 4.....	24	16	8				
4 but under 5.....	9	7	1	1			
5 but under 6.....	9	8					
6 but under 7.....	2	2					
Not reported.....	7						7
<b>LETTER FILES.....</b>	<b>13</b>	<b>9</b>	<b>4</b>				
Pay all earnings to home.....	6	6					
\$2 but under \$3.....	1	1	1				
3 but under 4.....	1	1	1				
4 but under 5.....	2	1	1				
5 but under 6.....	3	2	1				

Table 17—Continued.

INDUSTRIES AND CLASSIFICATION OF AMOUNTS PAID A WEEK FOR BOARD.	Total number.	NUMBER REPORTING PAYMENT OF BOARD AT—					
		Home.	Private house.	Boarding house.	Lodging house.	Meals.	Not reported.
<b>MEAT PACKING.....</b>	<b>451</b>	<b>346</b>	<b>42</b>	<b>15</b>	<b>8</b>	<b>24</b>	<b>16</b>
Pay all earnings to home.....	310	308	2				
Pay half.....	2						
\$2 but under \$3.....	73	9	24	10	7	23	
3 but under 4.....	38	21	13	3		1	
4 but under 5.....	7	2	2	2	1		
5 but under 6.....	2	2					
6 but under 7.....	1	1					
7 but under 8.....	2	1	1				
Not reported.....	16						16
<b>METAL GOODS.....</b>	<b>105</b>	<b>81</b>	<b>22</b>				<b>2</b>
Pay all earnings to home.....	65	65					
\$2 but under \$3.....	11	1	10				
3 but under 4.....	15	6	9				
4 but under 5.....	7	4	3				
5 but under 6.....	5	5					
Not reported.....	2						2
<b>OVERALLS.....</b>	<b>19</b>	<b>18</b>	<b>1</b>				
Pay all earnings to home.....	11	11					
\$2 but under \$3.....	3	2	1				
3 but under 4.....	4	4					
4 but under 5.....	1	1					
<b>PAPER BOXES.....</b>	<b>217</b>	<b>191</b>	<b>19</b>		<b>1</b>	<b>1</b>	<b>5</b>
Pay all earnings to home.....	162	161	1				
\$2 but under \$3.....	6	1	4		1		
3 but under 4.....	24	13	10				
4 but under 5.....	8	5	3				1
5 but under 6.....	7	7					
6 but under 7.....	3	2	1				
7 and over.....	2	2					
Not reported.....	5						4
<b>PIANOS AND ORGANS.....</b>	<b>19</b>	<b>19</b>					
Pay all earnings to home.....	17	17					
\$3 but under \$4.....	1	1					
4 but under 5.....	1	1					
<b>PIPES AND FITTINGS.....</b>	<b>72</b>	<b>36</b>	<b>20</b>	<b>4</b>		<b>12</b>	
Pay all earnings to home.....	31	31					
\$2 but under \$3.....	25		9	4		12	
3 but under 4.....	13	2	11				
4 but under 5.....	1	1					
6 but under 7.....	2	2					
<b>RUBBER GOODS.....</b>	<b>12</b>	<b>10</b>	<b>2</b>				
Pay all earnings to home.....	3	3					
\$3 but under \$4.....	4	4					
4 but under 5.....	2		2				
5 but under 6.....	3	3					

Table 17—Continued.

INDUSTRIES AND CLASSIFICATION OF AMOUNTS PAID A WEEK FOR BOARD.	Total number	NUMBER REPORTING PAYMENT OF BOARD AT—					
		Home.	Private house.	Boarding house.	Lodging house.	Meals.	Not reported.
SHOES AND SLIPPERS.....	5	5	.....	.....	.....	.....	.....
Pay all earnings to home.....	4	4	.....	.....	.....	.....	.....
\$4.....	1	1	.....	.....	.....	.....	.....
SHOES.....	199	159	27	3	2	4	4
Pay all earnings to home.....	96	95	1	.....	.....	.....	.....
\$2 but under \$3.....	23	22	1	.....	.....	.....	.....
3 but under 4.....	24	12	6	2	1	3	.....
4 but under 5.....	25	10	14	.....	.....	.....	.....
5 but under 6.....	20	14	5	.....	.....	1	.....
6 but under 7.....	3	2	.....	1	.....	.....	.....
7 and over.....	4	4	.....	.....	.....	.....	.....
Not reported.....	4	.....	.....	.....	.....	.....	4
SOAP, TOILET ARTICLES, ETC.....	82	63	13	1	.....	1	4
Pay all earnings to home.....	47	47	.....	.....	.....	.....	.....
\$2 but under \$3.....	6	.....	6	.....	.....	.....	.....
3 but under 4.....	18	9	7	1	.....	1	.....
4 but under 5.....	7	7	.....	.....	.....	.....	.....
Not reported.....	4	.....	.....	.....	.....	.....	4
TACKS AND WIRE NAILS.....	13	13	.....	.....	.....	.....	.....
Pay all earnings to home.....	8	8	.....	.....	.....	.....	.....
\$2 but under \$3.....	2	2	.....	.....	.....	.....	.....
3 but under 4.....	3	3	.....	.....	.....	.....	.....
TELEPHONE SUPPLIES.....	25	21	4	.....	.....	.....	.....
Pay all earnings to home.....	16	16	.....	.....	.....	.....	.....
Pay no board.....	2	2	.....	.....	.....	.....	.....
\$2 but under \$3.....	1	1	.....	.....	.....	.....	.....
3 but under 4.....	24	2	3	.....	.....	.....	.....
4 but under 5.....	1	.....	1	.....	.....	.....	.....
TENTS, AWNINGS, ETC.....	10	10	.....	.....	.....	.....	.....
Pay all earnings to home.....	7	7	.....	.....	.....	.....	.....
\$3 but under \$4.....	2	2	.....	.....	.....	.....	.....
4 but under 5.....	1	1	.....	.....	.....	.....	.....
UNDERWEAR.....	23	19	1	1	2	.....	.....
Pay all earnings to home.....	16	16	.....	.....	.....	.....	.....
\$2 but under \$3.....	2	.....	.....	.....	2	.....	.....
3 but under 4.....	1	1	.....	.....	.....	.....	.....
4 but under 5.....	2	.....	1	1	.....	.....	.....
5 but under 6.....	1	1	.....	.....	.....	.....	.....
6 but under 7.....	1	1	.....	.....	.....	.....	.....



Table 17—Concluded.

INDUSTRIES AND CLASSIFICATION OF AMOUNTS PAID A WEEK FOR BOARD.	Total number.	NUMBER REPORTING PAYMENT OF BOARD AT—					
		Home.	Private house.	Boarding house.	Lodging house.	Meals.	Not reported.
WATCHES.....	228	180	27	20	3	14	4
Pay all earnings to home.....	77	77					
\$2 but under \$3.....	34	10	7	3	3	11	
3 but under 4.....	73	41	12	17		3	
4 but under 5.....	24	20	4				
5 but under 6.....	11	8	3				
6 but under 7.....	2	2					
7 but under 8.....	3	2	1				
Not reported.....	4						4
WOOLEN GOODS.....	23	23	3				2
Pay all earnings to home.....	12	12					
\$2 but under \$3.....	8	7	1				
3 but under 4.....	3	3					
4 but under 5.....	2		2				
5 but under 6.....	1	1					
Not reported.....	2						2

## EMPLOYMENT OF PARENTS AND OTHERS.

Table 18 shows the number that reported fathers, mothers, husbands, brothers, sisters and children under employment; also the number of children attending school. The conjugal relationship of the whole number considered is shown in table 16. Of these, 2,262 were single, 110 married, 84 widowed and 89 not reported. Of the unmarried, 1,375, or 60.8 per cent, reported that their fathers were employed; 1,709, or 75.5 per cent, that their mothers were employed. In addition to these, 948 brothers and 712 sisters were reported as under employment, making a total of 4,744. Assuming that the 2,262 girls represent that number of homes or families, gives a total of 7,006 persons reported as being employed, which gives an average of three to each family as being employed, which gives an average of three to each family as being wage earners. Of the 110 married women, 76 reported their husbands as being employed; also that 28 of their children were at work.

The whole number of the several relationships reported was 4,848, of which 28.4 per cent were fathers; 35.3 per cent mothers; 1.6 per cent husbands; 19.6 per cent brothers; 14.5 per cent sisters; and six-tenths of 1 per cent children. Only 359 children were reported as attending school.

TABLE 18—*Employment of Parents and Other Members of Families. Brothers, Sisters and Children in School.*

INDUSTRIES.	Whole number reported.	EMPLOYMENT OF—							IN SCHOOL. Brothers. Sisters. Children.
		Fathers.	Mothers.	Husbands	Brothers.	Sisters.	Children.	Total.	
All industries.....	2,545	1,375	1,709	76	948	712	28	4,848	359
Bakery.....	60	27	44	1	48	38	1	159	23
Binding twine, canvas, etc.....	170	107	146	2	2	1	.....	258	8
Blank books.....	4	1	3	.....	.....	.....	.....	4	7
Bonnets.....	19	18	17	.....	.....	.....	.....	35	.....
Boots and shoes.....	42	21	35	2	27	23	.....	108	.....
Brooms.....	4	4	4	.....	4	6	.....	18	.....
Chairs and baby carriages.....	15	8	9	1	12	5	.....	35	.....
Chewing gum.....	47	29	40	1	.....	.....	.....	70	.....
Cigars.....	82	41	65	2	16	22	.....	146	12
Clothing.....	31	21	29	1	16	21	.....	88	.....
Confectionery.....	141	98	109	.....	.....	.....	.....	205	7
Druggists' sundries.....	37	11	30	.....	.....	.....	.....	41	.....
Electrical goods.....	35	23	30	.....	25	13	.....	91	.....
Gloves and mittens.....	49	33	43	1	43	37	3	160	.....
Hardware specialties.....	10	5	7	.....	7	11	.....	30	1
Ink and mucilage.....	12	8	9	.....	5	10	.....	32	3
Jewelers' findings, etc.....	16	10	14	.....	21	13	.....	58	19
Knit goods.....	68	45	59	.....	3	2	.....	109	1
Ladies' hats.....	8	5	6	.....	7	6	.....	24	12
Laundry.....	174	103	125	10	73	51	.....	362	31
Letter files.....	13	4	9	.....	7	2	.....	22	.....
Meat packing.....	451	219	302	19	201	136	14	891	119
Metal goods.....	105	50	85	2	71	44	.....	252	16
Overalls.....	19	11	16	3	.....	.....	.....	30	.....
Paper boxes.....	217	126	128	4	155	106	1	520	32
Pianos and organs.....	19	11	16	.....	21	12	.....	60	4
Pipes and fittings.....	72	24	13	2	17	32	.....	88	5
Rubber goods.....	12	8	10	.....	13	8	.....	39	8

Table 18—Concluded.

INDUSTRIES.	Whole number reported.	EMPLOYMENT OF—							IN SCHOOL.	
		Fathers.	Mothers.	Husbands.	Brothers.	Sisters.	Children.	Total.	Brothers.	Sisters.
Shoes and slippers .....	5	4	4	.....	.....	.....	.....	8	.....	.....
Shoes. ....	199	118	97	5	36	31	.....	287	8	.....
Soap, toilet articles, etc .....	82	37	59	1	47	24	4	172	2	.....
Tacks and wire nails. ....	13	8	12	.....	6	4	.....	30	11	.....
Telephones. ....	25	18	19	.....	16	18	.....	71	19	.....
Tents, awnings, etc.....	10	5	5	.....	5	2	.....	17	4	.....
Underwear. ....	23	9	16	.....	9	2	.....	36	.....	.....
Watches .....	225	87	75	17	35	32	5	251	7	.....
Woolen goods .....	28	18	21	2	.....	.....	.....	41	.....	.....

## DEPENDENTS.

Table 19 shows the number and relationship of those wholly or partly dependent on the women and girls reporting. The number giving this information was 1,645. These reported a total of 2,938 dependents. Of this number, 2,234, or 76 per cent, were fathers or mothers or both; 589, or 20.1 per cent, were brothers and sisters; and 15, or five-tenths of 1 per cent, were husbands. Considering the whole number reporting and the number of dependents, it is found that for every 100 women and girls reporting, there was 179 dependents. To what extent these relatives are dependent alone on these women and girls for support was not revealed. However, some explanation may be obtained or suggested by the showing in table 18, wherein it is found that 4,848 other members of families are reported as being under employment. The inference, therefore, would seem to be that a comparatively small number are individually burdened with those absolutely dependent on them for maintenance.

TABLE 19—Number of Dependents.

INDUSTRIES.	Establishments.	Whole number reported.	Number reporting dependents.	DEPENDENTS.				
				Total.	Father and mother.	Brother and sister.	Children.	Husband.
All industries.....	86	2,545	1,645	2,938	2,234	589	100	15
Bakery .....	4	60	38	85	56	26	3	.....
Binding twine, canvas, etc.....	1	170	140	249	245	4	.....	.....
Blank books.....	1	4	3	4	4	.....	.....	.....
Bonnets .....	1	19	11	21	20	1	.....	.....

Table 19—Concluded.

INDUSTRIES.	Establishments.	Whole number reported.	Number reporting dependents.	DEPENDENTS.				
				Total.	Father and mother.	Brother and sister.	Children.	Husband.
Boots and shoes.....	3	42	31	52	27	21	3	1
Brooms.....		4	1	4	2	2		
Chairs and baby carriages.....	1	15	5	9	9			
Chewing gum.....	2	47	37	61	60		1	
Cigars.....	6	82	55	93	74	12	7	
Clothing.....	1	31	29	61	26	33	2	
Confectionery.....	6	141	118	204	192	11	1	
Druggists' sundries.....	1	37	30	45	42	2	1	
Electrical goods.....	1	35	22	39	27	12		
Gloves and mittens.....	1	49	35	58	33	23	2	
Hardware specialties.....	1	10	3	4	4			
Ink and mucilage.....	1	12	9	23	13	9	1	
Jewelers' findings, etc.....	1	16	9	17	17			
Knit goods.....	2	68	54	95	91	2	2	
Ladies' hats.....	1	8	4	10	5	4	1	
Laundry.....	13	174	98	166	134	24	8	
Letter files.....	1	12	5	6	5		1	
Meat packing.....	7	451	223	493	272	179	31	11
Metal goods.....	3	106	70	132	88	41	3	
Overalls.....	1	19	18	30	25	1	4	
Paper boxes.....	9	217	149	246	172	73	1	
Pianos and organs.....	1	19	17	38	26	12		
Pipes and fittings.....	1	72	30	56	35	21		
Rubber goods.....	1	12	7	11	11			
Shoes and slippers.....	1	5	3	6	6			
Shoes.....	3	199	146	233	214	10	8	1
Soap, toilet articles, etc.....	2	82	46	86	42	39	4	1
Tacks and wire nails.....	1	13	11	16	14	1	1	
Telephones.....	1	25	15	26	24	2		
Tents, awnings, etc.....	1	10	3	5	3	1	1	
Underwear.....	1	23	18	21	14	4	3	
Watches.....	2	228	132	203	174	19	9	1
Woolen goods.....	1	28	20	30	28		2	

## DECEASED AND UNEMPLOYED.

Table 20 shows the number of women and girls who reported that their fathers and mothers or husbands were deceased; also as to unemployment of parents and husbands. Of the total number, 687 reported decease of fathers; 322 of mothers and 72 of husbands. As to unemployment, 142 reported as to fathers, giving as the cause either sickness or disability; 11 reported as to mothers, in most cases the cause given was sickness. Those failing to report as to either of the items number 955.

TABLE 20—*Deceased and Unemployed.*

INDUSTRIES.	Establishments.	Whole number reported.	DECEASED.			UNEMPLOYED.			NOT REPORTED.		
			Fathers.	Mothers.	Husbands.	Fathers.	Mothers.	Husbands.	Fathers.	Mothers.	Husbands.
All industries.....	86	2,545	687	322	72	142	11	10	341	503	111
Bakery.....	4	60	20	8	1	9			4	8	
Binding twine, canvas, etc..	1	170	33	18	1	18			12	6	2
Blankbooks.....	1	4	3	1							
Bonnets.....	1	19	1	2							
Boots and shoes.....	3	42	14	6		4			3	1	2
Brooms.....	1	4									
Chairs and baby carriages..	1	15	5	3		1	2		1	1	1
Chewing gum.....	2	47	13	6		2			3	1	1
Cigars.....	6	82	27	14	2	11			3	3	9
Clothing.....	1	31	5		1	2			3	2	1
Confectionery.....	6	141	29	14		6	2		8	18	
Druggists' sundries.....	1	37	22	6	1	4				1	2
Electrical goods.....	1	35	8	4		2			2	1	
Gloves and mittens.....	1	49	11	3	1	3	1		2	2	
Hardware specialties.....	1	10	5	3							
Ink and mucilage.....	1	12	4	3	1						
Jewelers' findings, etc.....	1	16	2			4				2	
Knit goods.....	2	68	16	8	4	5			2	1	3
Ladies' hats.....	1	8	2	1	1				1	1	
Laundry.....	13	174	51	41	6	11		1	9	8	10
Letter files.....	1	3	6	4		3					1
Meat packing.....	7	451	135	48	23	29	4	6	68	97	34
Metal goods.....	3	105	39	9	2	6			11	11	2

Table 20—Concluded.

INDUSTRIES.	Establishments.	Whole number reported.	DECREASED.			UNEMPLOYED.			NOT REPORTED.		
			Fathers.	Mothers.	Husbands.	Fathers.	Mothers.	Husbands.	Fathers.	Mothers.	Husbands.
Overalls.....	1	19	7	1	1	.....	.....	.....	1	2	3
Paper boxes.....	9	217	53	24	2	15	1	.....	23	64	3
Pianos and organs .....	1	19	5	3	.....	3	.....	.....	.....	.....	.....
Pipes and fittings.....	1	72	16	7	.....	.....	.....	.....	32	52	3
Rubber goods.....	1	12	3	1	.....	.....	.....	.....	1	1	1
Shoes and slippers.....	1	5	1	.....	1	.....	.....	.....	.....	1	.....
Shoes.....	3	199	50	36	5	1	.....	1	30	66	6
Soap, toilet articles, etc....	2	82	27	11	2	1	.....	1	17	12	3
Tacks and wire nails.....	1	13	5	1	.....	.....	.....	.....	.....	.....	1
Telephones.....	1	25	5	5	.....	1	.....	.....	1	1	.....
Tents, awnings, etc.....	1	10	3	3	.....	.....	.....	.....	2	2	1
Underwear.....	1	23	3	2	5	.....	.....	.....	11	5	1
Watches.....	2	228	49	20	11	1	1	1	91	132	20
Woolen goods. ....	1	28	10	6	1	.....	.....	.....	.....	1	.....

## HOMES.

Table 21 shows the condition of the homes of these working women, also the surrounding neighborhood in which these homes were located. The homes are classified here as comfortable, poor and bad; the neighborhood as good, fair and bad. While, in the main, the information presented was furnished by the women and girls, and may in some cases be biased as to the exact conditions, both as to homes and neighborhood, however, a sufficient number have designated conditions as to both items to warrant the suggestion of reformation along these lines by the proper authorities. The number reporting as to homes was 1,912. Of these 1,790, or 93.6 per cent, reported them comfortable and 122, or 6.4 per cent, as poor or bad. The home

surroundings or neighborhood, 2,197 reported. Of this number, 985 or 44.8 per cent, were reported good; 1,000, or 45.5 per cent fair; and 212, or 9.6 per cent, as bad.

TABLE 21—*Conditions of Homes and Surrounding Neighborhood.*

INDUSTRIES.	Establishments.	HOMES.				Total.	NEIGHBORHOOD.			
		Comfortable.	Poor.	Bad.	Not reported.		Good.	Fair.	Bad.	Not reported.
All industries .....	86	1,790	108	14	633	2,545	985	1,000	212	348
Bakery.....	4	45	5		10	60	8	43		9
Binding twine, canvas goods, etc.	1	150	20			170	29	131	10	
Blank books, manufacturing.....	1	4				4	3	1		
Bonnets.....	1	19				19	19			
Boots and shoes.....	3	13			29	42	18	21		3
Brooms.....	1	4				4		4		
Chairs and baby carriages.....	1	13	2			15	3	12		
Chewing gum.....	2	47				47	22	21	4	
Cigars.....	6	82				82	34	44	4	
Clothing.....	1				31	31		15	16	
Confectionery.....	6	120	5	4	2	141	75	52	13	1
Druggists' sundries.....	1	36	1			37	10	27		
Electric goods.....	1	17			18	35	11	4	1	19
Gloves and mittens.....	1				49	49	2	47		
Hardware specialties.....	1	8	2			10		10		
Ink and mucilage.....	1	12				12		12		
Jewelers' findings, etc.....	1	16				16	13	3		
Knit goods.....	2	68				68	7	56	5	
Ladies' hats.....	1	7	1			8		8		
Laundry.....	13	155	4		15	174	78	78	2	16
Letter files.....	1	13				13		13		
Meat packing.....	7	175	37	2	237	451	62	126	13	250
Metal goods.....	3	86	5		14	105	43	44	4	14
Overalls.....	1	19				19	19			
Paper boxes.....	9	100	12	2	104	217	44	71	77	25
Pianos and organs.....	1	18	1			19		19		
Pipes and fittings.....	1	23	9	6	34	72	5	16	45	6
Rubber goods.....	1	12				12	6	6		
Shoes and slippers.....	1	5				5	3	2		
Shoes.....	3	194	5			199	164	30	5	

Table 21—Concluded.

INDUSTRIES.	Establishments.	HOMES.				Total.	NEIGHBORHOOD.			
		Comfortable.	Poor.	Bad.	Not reported.		Good.	Fair.	Bad.	Not reported.
Soap, toilet articles, etc.....	2	15	.....	.....	67	82	8	58	11	5
Tacks and wire nails.....	1	13	.....	.....	.....	13	11	2	.....	.....
Telephone, manufacturing.....	1	25	.....	.....	.....	25	19	6	.....	.....
Tents, awnings, etc.....	1	10	.....	.....	.....	10	5	5	.....	.....
Underwear.....	1	.....	.....	.....	23	23	8	13	2	.....
Watches.....	2	228	.....	.....	.....	228	228	.....	.....	.....
Woolen goods.....	1	28	.....	.....	.....	28	28	.....	.....	.....

## HEALTH CONDITIONS.

Table 22 shows the number of girls reporting the condition of their health at the time of beginning work at their present or other place of employment; also the effect of their present employment on their health. The number reporting condition of health at the time of entering present employment was 2,526. Only 19 failed to report. Of the number reporting, 91.2 per cent answered that their health was good and 6.8 per cent that it was fair; 34 that they were in delicate health and 16 that health was bad. These constitute only 2 per cent.

A very remarkable record is here shown by the answers, regarding the effect of the present employment of these women and girls as to the impairment of their health. Of the whole number, only 24, or less than 1 per cent, made any answer, except to say "no" to each and all of the questions. Of those making answers as to their work being any detriment to their health, a few gave their reasons; only



one answered as to "limbs," she stating her feet got sore. One answered as to any part of body being affected; she stated that her back ached.

TABLE 22—*Condition of Health, when Beginning Work, and Effect of Present Employment on Same.*

INDUSTRIES.	Whole number reported.	HEALTH BEGINNING WORK.				WHAT EFFECT, IF ANY, HAS PRESENT EMPLOYMENT AS TO—				
		Good.	Fair.	Delicate.	Bad.	Health.	Limbs.	Eyes.	Head.	Any part of body.
All industries.....	*2,545	2,304	172	34	16	9	1	2	11	1
Bakery.....	60	50	10	.....	.....	None	1	No ..	1	No ..
Binding twine, canvas goods.....	170	166	4	.....	.....	do.	No ..	do.	No ..	do.
Blank books.....	4	4	.....	.....	.....	do.	do.	do.	do.	do.
Bonnets.....	19	18	1	.....	.....	a 2	do.	do.	do.	do.
Boots and shoes.....	42	33	5	2	2	b 3	do.	1	1	do.
Brooms.....	4	4	.....	.....	.....	None	do.	No	No	do.
Chairs and baby carriages.....	15	14	1	.....	.....	do.	do.	do.	do.	do.
Chewing gum.....	47	47	.....	.....	.....	do.	do.	do.	do.	do.
Cigars.....	82	80	2	.....	.....	do.	do.	do.	do.	do.
Clothing.....	31	c 28	1	.....	.....	do.	do.	do.	2	1
Confectionery.....	141	132	7	2	.....	d 1	do.	do.	2	No ..
Druggists' sundries.....	37	36	1	.....	.....	None	do.	do.	No ..	No ..
Electrical goods.....	35	29	5	1	.....	do.	do.	1	do.	do.
Gloves and mittens.....	49	e 35	9	3	.....	do.	do.	No ..	3	do.
Hardware specialties.....	10	10	.....	.....	.....	do.	do.	do.	No	do.
Ink and mucilage.....	12	10	2	.....	.....	do.	do.	do.	do.	do.
Jewelers' findings, etc.....	16	16	.....	.....	.....	do.	do.	do.	do.	do.
Knit goods.....	68	66	2	.....	.....	do.	.....	.....	.....	.....
Ladies' hats.....	8	7	1	.....	.....	do.	.....	.....	.....	.....
Laundry.....	174	165	7	1	1	f 3	.....	.....	2	.....
Letter files.....	13	11	1	1	.....	None	.....	.....	No ..	.....
Meat packing.....	451	g 396	37	7	5	do.	.....	.....	do.	.....
Metal goods.....	105	95	9	1	.....	do.	.....	.....	.....	.....
Overalls.....	19	17	2	.....	.....	do.	.....	.....	.....	.....
Paper boxes.....	217	15	h 192	6	2	do.	.....	.....	.....	.....
Pianos and organs.....	19	15	4	.....	.....	do.	.....	.....	.....	.....
Pipes and fittings.....	72	i 66	3	.....	.....	do.	.....	.....	.....	.....
Rubber goods.....	12	12	.....	.....	.....	do.	.....	.....	.....	.....

Table 22—Concluded.

INDUSTRIES.	Whole number reported.	HEALTH BEGINNING WORK.				WHAT EFFECT, IF ANY, HAS PRESENT EMPLOYMENT AS TO—				
		Good.	Fair.	Delicate.	Bad.	Health.	Limbs.	Eyes.	Head.	Any part of body.
Shoes and slippers .....	5	5	.....	.....	.....	None	.....	.....	.....	.....
Shoes .....	199	187	9	3	.....	do.	.....	.....	.....	.....
Soap, toilet articles, etc .....	82	j 61	10	3	4	do.	.....	.....	.....	.....
Tacks and wire nails .....	13	13	.....	.....	.....	do.	.....	.....	.....	.....
Telephone manufacturing .....	25	25	.....	.....	.....	do.	.....	.....	.....	.....
Tents, awnings, etc .....	10	10	.....	.....	.....	do.	.....	.....	.....	.....
Underwear .....	23	14	8	1	.....	do.	.....	.....	.....	.....
Watches .....	228	208	15	3	2	do.	.....	.....	.....	.....
Woolen goods .....	28	27	1	.....	.....	do.	.....	.....	.....	.....

\* Not reporting, 19.

a Both nervousness.

b 1 nervous, 1 cold.

c 2 not reported.

d Lungs.

e 2 not reported.

f 1 lungs, 1 kidneys.

g 6 not reported, 2 rheumatism, 2 colds, 1 indigestion.

h 2 not reported.

i 3 not reported.

j 4 not reported.

## PREVIOUS OCCUPATIONS.

Table 23 is a classification of the previous occupations of these women and girls. The number having had experience in previous occupations have been arranged into four classes—clerical, domestic, factory and trade. These number 1,114, or 69 per cent of the number reporting. Another class is shown who reported as having no previous occupation, and presumably were now filling positions as working girls for the first time; their number is 501, or 31 per cent of all reporting. The number reporting was 1,615, or 63.5 per cent of the whole number; while 930, or 36.5 per cent, failed to report.

TABLE 23—Classification of Previous Occupations.

INDUSTRIES.	Whole number reported.	CLASSIFICATION.				None.	Not reported
		Clerical.	Domestic.	Factory.	Trade.		
ALL INDUSTRIES.....	2,545	196	296	380	242	501	930
Bakery.....	60	3	2	7	3	28	17
Binding twine.....	170	12	25	46	34	.....	53
Blank books.....	4	1	2	.....	.....	.....	1
Bonnets.....	19	.....	8	1	2	8	.....
Boots and shoes.....	42	5	.....	26	4	6	1
Brooms.....	4	.....	.....	1	.....	3	.....
Chairs and baby carriages.....	15	3	6	1	.....	4	1
Chewing gum.....	47	5	3	12	4	.....	28
Cigars.....	82	6	3	9	4	2	58
Clothing.....	31	4	1	1	24	.....	1
Confectionery.....	141	7	17	11	7	35	64
Druggists' sundries.....	37	5	6	7	6	.....	13
Electrical goods.....	35	2	8	8	4	10	3
Gloves and mittens.....	49	4	4	14	9	13	5
Hardware specialties.....	10	.....	3	.....	.....	7	.....
Ink and mucilage.....	12	.....	1	5	1	5	.....
Jewelers' findings.....	16	2	.....	.....	.....	5	9
Knit goods.....	68	4	2	9	9	3	41
Ladies' hats.....	8	1	1	.....	.....	4	2
Laundry.....	174	16	29	15	34	49	31
Letter files.....	13	1	.....	.....	2	9	1
Meat packing.....	451	48	65	80	26	54	178
Metal goods.....	105	5	15	10	9	38	28

Table 23—Concluded.

INDUSTRIES.	Whole number reported.	CLASSIFICATION.				None.	Not reported.
		Clerical.	Domestic.	Factory.	Trade.		
Overalls.....	19	.....	2	4	6	7	.....
Paper boxes.....	217	11	8	39	11	50	98
Pianos and organs.....	19	2	4	5	4	3	1
Pipes and fittings.....	72	2	8	19	4	14	25
Rubber goods.....	12	2	4	1	2	.....	3
Shoes and slippers.....	5	1	.....	2	.....	.....	2
Shoes.....	199	10	26	13	8	52	90
Soap, toilet articles, etc.....	82	8	13	16	4	16	25
Tacks and wire nails.....	13	2	1	1	.....	.....	9
Telephone manufacturing.....	25	8	5	2	1	2	7
Tents, awnings, etc.....	10	.....	4	2	1	3	.....
Underwear.....	23	4	3	3	3	8	2
Watches.....	228	11	12	6	15	48	136
Woolen goods.....	28	1	5	4	1	15	2

## AGE AT BEGINNING WORK.

Table 24 is a classification of the various ages of the women and girls at the time of beginning work. The whole number reporting was 2,489. Of this number, 41 were under 12 years; of these, two are reported as 6 years, two at 7, four at 8, eight at 9, fourteen at 10 and eleven at 11. These, with the number at ages from 12 to 15, inclusive, make 1,437, or 57.7 per cent, of the whole number; 965, or 38.8 per cent, appear at ages including 16 to 20; over 20 years, 87, or 3.5 per cent. The greatest number is found at the age of 14, being nearly one-third of the whole number. These, with the number at 15 and 16 years, comprise about 70 per cent of all reported. There were 42 who began work at 25 years of age or more. Their average age was 31 years; 18 of these were under 30 years; 23, from 30 to 38; and one beginning work at 44 years of age. Considering the whole number, it is found that the average age when beginning work was 15 years, 4.5 months.

TABLE 24—*Number Who Began Work*

Number.	ALL INDUSTRIES.	Number reporting.	AGE AT BEGINNING WORK.				
			Under 12	12	13	14	15
	All industries .....	2,489	41	68	160	761	407
1	Bakery.....	59	a 1	1	3	22	10
2	Binding twine, canvas, etc.....	169	b 2	2	10	53	29
3	Blank books.....	4				1	2
4	Bonnets.....	19				3	2
5	Boots and shoes.....	42		2	5	13	8
6	Brooms.....	4					
7	Chairs and baby carriages.....	15	c 1	1	1	5	1
8	Chewing gum.....	47		1	1	11	10
9	Cigars.....	82	c 1	3	10	37	17
10	Clothing.....	31			7	17	2
11	Confectionery.....	140		6	8	74	16
12	Druggists' sundries.....	37		1	3	11	6
13	Electrical goods.....	33	e 1	1	3	6	7
14	Gloves and mittens.....	49	e 1		2	16	15
15	Hardware specialties.....	10				2	1
16	Ink and mucilage.....	12	e 1	1		7	2
17	Jewelers' findings.....	16				3	1
18	Knit goods.....	68			5	32	9
19	Ladies' hats.....	8		1			
20	Laundry.....	174		7	8	48	29
21	Letter files.....	13			3	1	3
22	Meat packing.....	400	f 22	18	31	94	83
23	Metal goods.....	105	e 1	2	5	30	15
24	Overalls.....	19				3	3
25	Paper boxes.....	217		6	21	122	24
26	Pianos and organs.....	19		2	1	11	2
27	Pipes and fittings.....	72	g 8	3	7	23	11
28	Rubber goods.....	12				2	3
29	Shoes and slippers.....	5				2	2
30	Shoes.....	199	e 1	2	8	44	45
31	Soap, toilet articles, etc.....	82	e 1	2	8	25	14
32	Tacks and wire nails.....	13				1	3
33	Telephones.....	25				3	6

*at Specified Ages, by Industries.*

AGE AT BEGINNING WORK.										AVERAGE.		Number.
16	17	18	19	20	21	22	23	24	25 and over.	Years.	Mos.	
542	219	124	48	32	15	12	9	9	42	15	4 5	
10	6	2	.....	3	.....	.....	1	.....	.....	15	3	1
56	8	5	.....	1	1	.....	2	.....	.....	15	2	2
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	3
8	3	2	.....	1	.....	.....	.....	.....	.....	16	2	4
8	3	1	1	1	.....	.....	.....	.....	.....	15	2	5
.....	2	1	1	.....	.....	.....	.....	.....	.....	17	9	6
2	2	1	.....	.....	.....	.....	.....	.....	h 1	15	4	7
17	3	2	1	1	.....	.....	.....	.....	.....	15	6	8
11	1	1	.....	.....	.....	.....	.....	1	.....	14	5	9
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	2	10
26	6	2	.....	1	.....	1	.....	.....	.....	14	7	11
13	2	.....	.....	1	.....	.....	.....	.....	.....	15	1	12
5	4	4	.....	1	1	.....	.....	.....	.....	15	6	13
10	4	.....	.....	.....	.....	.....	.....	.....	i 1	15	2	14
4	3	.....	.....	.....	.....	.....	.....	.....	.....	15	10	15
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	14	1	16
4	3	1	2	2	.....	.....	.....	.....	.....	16	9	17
13	3	4	1	.....	.....	.....	.....	.....	h 1	15	1	18
3	2	1	.....	.....	.....	.....	.....	.....	j 1	17	9	19
35	22	9	3	.....	1	1	.....	1	k 10	16	2	20
2	2	1	.....	.....	.....	.....	.....	.....	h 1	16	1	21
92	27	13	6	3	1	1	.....	1	l 8	15	1	22
29	15	3	2	1	.....	.....	.....	.....	m 2	15	8	23
9	2	1	1	.....	.....	.....	.....	.....	.....	15	11	24
26	10	5	1	.....	.....	.....	.....	.....	n 2	14	7	25
2	1	.....	.....	.....	.....	.....	.....	.....	.....	14	3	26
11	2	4	2	.....	.....	.....	.....	1	.....	14	4	27
4	2	1	.....	.....	.....	.....	.....	.....	.....	15	9	28
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	16	.....	29
43	24	21	4	.....	4	1	2	.....	.....	15	9	30
16	7	4	.....	1	.....	.....	1	1	n 2	15	9	31
6	2	.....	1	.....	.....	.....	.....	.....	.....	16	.....	32
10	5	.....	.....	.....	.....	.....	.....	.....	j 1	16	3	33

Table 24—

Number.	ALL INDUSTRIES.	Number reporting.	AGE AT BEGINNING WORK.				
			Under 12	12	13	14	15
34	Tents, awnings, etc.....	10	.....	.....	2	4	.....
35	Underwear .....	23	.....	2	1	6	4
36	Watches .....	228	.....	3	3	20	20
37	Woolen goods.....	28	.....	1	4	9	2

\* Not reported, 56—bakery, binding twine and confectionery, 1 each; electrical goods, 2; meat packing, 51.

a 10 years.

b one 6, one 7 years.

c 9 years.

e 11 years.

f one 6, one 7, two 8, two 9, eleven 10, five 11 years.

g two 8, four 9, two 10 years.



Concluded.

AGE AT BEGINNING WORK.										AVERAGE.		Number.
16	17	18	19	20	21	22	23	24	25 and over.	Years.	Mos.	
2	.....	.....	.....	.....	.....	.....	.....	.....	2	16	6	34
5	1	2	.....	1	.....	.....	.....	.....	o 1	16	5	34
49	40	31	21	13	6	7	3	3	p 9	17	8	36
5	2	1	1	1	1	.....	.....	1	.....	15	7	37

h 27 years.

i 29 years.

j 30 years.

k one 27, one 29, three 30, two 32, one 33, one 35 years.

l three 27, one 28, one 30, one 31, one 32, one 33 years.

m one 36, one 37 years.

n one 37, one 38 years.

o 44 years.

p one 26, two 28, one 30, one 34, two 35 years.

## PRESENT AGE.

Table 25 gives the present age of 2,527 of the women and girls working in the several industries. The average age is found to be 22 years and 4 months, from ages ranging from 14 years to 64. The limit shown in the table is from 14 years to 38; the number is 2,405; the average age is 21 years and 2 months. The number over 38 years of age is 122. Of these, 76 ranged from 39 to 45 years; 24, from 45 to 50 years; 18, from 50 to 60 years, three being 60 years and one 64 years; the average for this group is 43 years and 6 months. The convergence is to the age of 18 years. This is emphasized by the fact that, of the number shown, 1,375, or 57.2 per cent, 20 years of age and under have an average of 18 years. The average age of the whole number at beginning work is shown to be 15 years and 5 months, while the present average age is 22 years and 4 months. This gives an average period of employment of seven years.

TABLE 25—*Number and Given Present*

Number.	INDUSTRIES.	Whole number reporting.	PRESENT AGE—YEARS.												
			14	15	16	17	18	19	20	21	22	23	24	25	
	All industries .....	*2,527	18	42	131	291	338	283	272	195	161	126	100	79	
1	Bakery .....	60	.....	.....	.....	9	6	10	8	1	3	6	.....	5	
2	Binding twine.....	170	.....	.....	3	11	26	37	28	25	8	14	5	7	
3	Blank books.....	4	.....	.....	.....	2	1	.....	.....	1	.....	.....	.....	.....	
4	Bonnets .....	a 18	.....	.....	1	3	1	2	4	1	1	1	.....	2	
5	Boots and shoes.....	b 42	1	1	.....	6	1	5	6	8	2	1	2	.....	
6	Brooms .....	4	.....	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....	
7	Chairs and baby carriages.....	15	.....	.....	.....	1	2	1	1	1	.....	1	1	.....	
8	Chewing gum.....	47	.....	.....	.....	3	7	8	3	7	4	4	3	1	
9	Cigars.....	82	.....	.....	2	12	6	9	9	4	9	7	2	5	
10	Clothing.....	c 30	2	1	7	4	2	6	1	2	2	2	.....	.....	
11	Confectionery.....	141	.....	12	14	31	20	12	18	13	4	4	3	2	
12	Druggists' sundries.....	37	.....	.....	3	6	4	4	5	2	2	.....	2	2	
13	Electrical goods.....	d 33	.....	.....	.....	.....	1	4	4	6	7	4	2	1	
14	Gloves and mittens .....	49	.....	.....	2	3	8	1	10	2	5	4	6	1	
15	Hardware specialties.....	10	.....	.....	.....	.....	1	2	2	.....	2	1	1	.....	
16	Ink and mucilage .....	12	.....	.....	1	1	3	2	2	1	1	.....	.....	.....	
17	Jewelers' findings, etc. ....	16	.....	.....	.....	.....	2	1	3	1	2	3	1	1	
18	Knit goods .....	68	.....	2	1	4	15	7	7	4	4	3	5	5	
19	Ladies' hats.....	8	.....	.....	.....	.....	.....	4	.....	1	2	1	.....	.....	
20	Laundry.....	174	.....	2	6	18	24	14	16	16	15	6	9	4	
21	Letter files .....	13	.....	.....	.....	.....	3	2	.....	2	.....	.....	1	.....	
22	Meat packing.....	e 447	.....	3	34	71	91	53	41	34	23	19	12	5	
23	Metal goods .....	105	.....	1	5	12	16	16	17	7	12	3	2	5	
24	Overalls .....	19	.....	.....	.....	4	2	3	2	.....	.....	.....	.....	2	
25	Paper boxes.....	f 213	10	12	20	28	34	20	24	15	9	10	5	8	
26	Pianos and organs .....	19	.....	.....	.....	2	.....	2	3	2	3	1	1	1	
27	Pipes and fittings .....	72	.....	.....	2	8	15	15	9	9	4	1	6	1	
28	Rubber goods .....	12	.....	.....	.....	.....	.....	1	1	4	.....	.....	2	1	
29	Shoes and slippers .....	5	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	
30	Shoes .....	199	1	6	24	23	25	16	16	8	10	10	6	3	
31	Soap, toilet articles, etc.....	g 78	1	.....	3	13	13	11	6	5	4	3	4	1	
32	Tacks and wire nails.....	13	.....	.....	1	1	1	1	2	.....	.....	2	1	2	
33	Telephone mfg .....	25	.....	.....	.....	3	5	5	6	1	.....	.....	2	1	

*Age of Women and Girls, by Industries.*

PRESENT AGE—YEARS.														AVERAGE AGE.		Number.
26	27	28	29	30.	31	32	33	34	35	36	37	38	39 and over.	Years.	Mos.	
53	49	44	29	48	19	22	16	13	28	18	13	17	118	22	4	
1	2	1	1	3	.....	.....	2	.....	1	1	.....	.....	.....	22	1	1
.....	2	.....	1	.....	1	.....	.....	1	1	.....	.....	.....	.....	20	4	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	3	3
.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	21	3	4
2	1	2	.....	2	.....	1	.....	.....	.....	1	.....	.....	.....	21	8	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	9	6
.....	.....	2	.....	3	.....	.....	.....	1	.....	.....	1	.....	.....	25	2	7
1	2	1	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	21	9	8
7	.....	1	3	2	.....	2	.....	.....	.....	1	1	.....	.....	22	.....	9
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	18	7	10
.....	1	1	1	2	.....	1	1	.....	1	.....	.....	.....	.....	19	1	11
.....	2	.....	.....	2	1	.....	.....	1	.....	.....	.....	.....	1	21	8	12
2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22	.....	13
1	1	.....	1	1	1	.....	.....	.....	.....	.....	2	.....	.....	22	.....	14
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21	5	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	20	3	16
1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	22	4	17
2	1	.....	1	2	.....	1	.....	.....	1	.....	.....	1	2	22	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	9	19
7	2	4	6	2	3	3	1	.....	1	2	1	2	10	23	1	20
.....	.....	.....	.....	1	.....	.....	1	.....	1	1	.....	.....	1	21	7	21
5	5	8	.....	6	2	4	3	4	5	2	1	1	21	21	10	22
1	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	2	2	20	10	23
2	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1	1	.....	23	2	24
1	1	1	2	2	1	1	.....	.....	2	.....	.....	.....	7	20	1	25
1	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	22	6	26
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	10	27
1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	23	6	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	25	5	29
6	5	5	2	2	3	2	1	.....	5	3	1	1	15	22	10	30
1	2	1	.....	1	.....	1	1	1	1	1	1	1	2	22	2	31
.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	22	2	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	20	6	33

Table 25—

Number.	INDUSTRIES.	Whole number reporting.	PRESENT AGE—YEARS.												
			14	15	16	17	18	19	20	21	22	23	24	25	
34	Tents, awnings, etc. ....	10	....	....	....	1	....	....	1	1	....	1	....	....	
35	Underwear .....	22	....	1	1	3	1	1	4	....	2	2	....	1	
36	Watches.....	227	3	....	....	6	8	7	8	8	15	11	16	12	
37	Woolen goods.....	28	....	1	1	2	4	1	2	1	3	....	....	....	

\* Not given, 18: *a*, *b*, *c* and *h*, one each, *d* two, *e*, *f* and *g*, four each.

Concluded.

PRESENT AGE—YEARS.														AVERAGE AGE.		Number.
26	27	28	29	30	31	32	33	34	35	36	37	38	39 and over.	Years.	Mos.	
....	1	1	....	....	1	....	....	....	....	....	....	....	3	30	2	34
....	....	....	....	....	....	....	....	....	2	....	1	1	2	25	1	35
10	14	9	8	13	4	3	5	4	5	5	3	6	44	29	0	26
1	....	3	....	1	....	....	....	....	1	1	....	....	6	27	....	37

## YEARS OF EMPLOYMENT AT PRESENT OCCUPATION.

Table 26 presents the years of experience of these women and girls working at their present occupation. The whole number reporting was 2,537. Only eight failed to report on this item, while 95 reported years of employment beyond the limits of this table. This leaves 2,442 reporting from 1 to 16 years. Of this number, 264, or 10.8 per cent, had a record of less than one year; 1,424, or 58.3 per cent, from 1 to 5 years; 754, or 30.9 per cent, from 5 to 16 years. The 95 having an experience of 16 years and more; 41 had worked at present occupation from 16 to 20 years; 34 from 20 to 25 years; 13 from 25 to 30 years, and 7 from 30 to 40 years. The average experience of the whole number was four years and four months under employment at the same occupation. This experience had occurred during an average of seven years' employment.

The last column of the table shows the per cent of the constancy of employment. Of the whole number reporting, 87.3 per cent had regular employment, 6.7 per cent irregular and 6 per cent failed to report. In fifteen industries full time for the year was experienced; in eleven industries, from 90 to 100 per cent was the time employed; in nine industries it was from 80 to 90 per cent; and in only two industries employment was from 70 to 80 per cent of full time.

TABLE 26—*Number and Years of Employment in*

Number.	INDUSTRIES.	Number reported.	NUMBER OF YEARS EMPLOYED.						
			Under 1	1	2	3	4	5	6
	All industries.....	*2,545	1264	578	396	367	281	223	153
1	Bakery.....	60		10	8	10		6	6
2	Binding twine, canvas, etc.....	170		12	35	35	34	27	12
3	Blank books.....	4			3	1			
4	Bonnets.....	19		6	4	9			
5	Boots and shoes.....	42	4	6	7	17	2	1	1
6	Brooms.....	4		1	2		1		
7	Chairs and baby carriages.....	15		2	3	2	1	2	
8	Chewing gum.....	47		7	5	10	5	11	3
9	Cigars.....	82		6	11	6	6	8	11
10	Clothing.....	31	30						
11	Confectionery.....	141	13	29	23	21	15	12	12
12	Druggists' sundries.....	37	6	10	3	5	3	3	
13	Electrical goods.....	35	2	8	5	3	4	3	1
14	Gloves and mittens.....	49	3	2	5	8	8	5	5
15	Hardware specialties.....	10			4	1	3		2
16	Ink and mucilage.....	12		4	2	2	3		
17	Jewelers' findings, etc.....	16			2	3	4	2	3
18	Knit goods.....	68		3	6	13	17	9	6
19	Ladies' hats.....	8			1	3	1	2	1
20	Laundry.....	174	12	26	32	26	21	12	7
21	Letter files.....	13				7			
22	Meat packing.....	451	109	83	90	65	35	33	17
23	Metal goods.....	105	10	10	22	16	16	16	4
24	Overalls.....	19	3	4	5	4	1	2	
25	Paper boxes.....	217	39	19	25	32	29	17	12
26	Pianos and organs.....	19				3	2	3	5
27	Pipes and fittings.....	72	8	12	12	10	11	8	
28	Rubber goods.....	12				1	3	2	1
29	Shoes and slippers.....	5			1	1	1		
30	Shoes.....	199	6	72	35	6	11	9	4
31	Soap, toilet articles, etc.....	82	10	8	13	9	11	3	11
32	Tacks and wire nails.....	13	1	3	1	4		1	1
33	Telephones.....	25	3	6	6	7	1		2
34	Tents, awnings, etc.....	10			1		1	2	

*Present Occupations, with Per Cent Regularly Employed.*

NUMBER OF YEARS EMPLOYED.										AVERAGE.		Per cent employed regularly.	Number.
7	8	9	10	11	12	13	14	15	16 and over.	Years.	Mo's.		
110	74	41	38	24	40	17	17	17	95	4	4	87.8	
2	5	2	5	1	2	1	.....	1	1	5	5	86.7	1
9	1	1	.....	3	.....	.....	1	.....	.....	3	10	99.4	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	100.0	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	100.0	4
2	.....	2	.....	.....	.....	.....	.....	.....	.....	2	11	88.1	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	100.0	6
.....	.....	.....	1	2	.....	.....	.....	1	1	6	8	100.0	7
2	1	1	1	.....	1	.....	.....	.....	.....	4	1	97.9	8
7	3	4	3	1	5	3	3	2	3	6	9	100.0	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	96.8	10
7	4	2	1	1	.....	.....	.....	.....	1	3	5	92.9	11
4	.....	2	.....	.....	.....	.....	1	.....	.....	3	4	100.0	12
6	3	.....	.....	.....	.....	.....	.....	.....	.....	3	9	82.9	13
3	9	.....	.....	.....	.....	1	.....	.....	.....	4	8	85.7	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6	100.0	15
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	10	100.0	16
1	.....	1	.....	.....	.....	.....	.....	.....	.....	4	6	93.8	17
3	1	.....	2	3	3	.....	1	.....	1	5	3	98.5	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	11	100.0	19
9	4	6	2	2	3	2	3	2	5	4	7	97.1	20
.....	1	1	1	.....	.....	.....	.....	.....	3	8	4	100.0	21
6	3	2	.....	.....	.....	.....	1	2	2	2	5	72.1	22
2	2	3	.....	.....	3	.....	.....	.....	1	3	8	90.5	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	89.5	24
12	6	3	7	2	2	1	2	2	7	4	3	81.1	25
1	.....	1	.....	2	1	1	.....	.....	.....	6	6	100.0	26
5	2	.....	2	1	.....	.....	.....	.....	.....	3	4	87.5	27
1	1	1	.....	1	1	.....	.....	.....	.....	6	6	100.0	28
1	.....	.....	.....	.....	1	.....	.....	.....	.....	5	7	100.0	29
11	8	4	5	2	6	2	2	3	13	4	11	80.9	30
4	6	.....	1	.....	2	.....	.....	.....	1	4	1	74.4	31
.....	1	.....	.....	.....	1	.....	.....	.....	.....	3	9	92.3	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	100.0	33
2	.....	.....	1	.....	.....	.....	.....	.....	3	9	7	100.0	34

Table 26—

Number.	INDUSTRIES.	Number reported.	NUMBER OF YEARS EMPLOYED.						
			Under 1	1	2	3	4	5	6
35	Underwear.....	23	3	4	1	2	2	3	4
36	Watches.....	228	2	19	22	21	27	21	21
37	Woolen goods.....	28	.....	6	3	4	2	.....	1

\* Not reporting, 8.

† One month and less, 25; two months, 27; three months, 26; four months, 25; five months 29; six months, 40; seven months, 22; 8 months, 25; nine months, 28; ten months, 14; eleven months, 3.



Concluded.

NUMBER OF YEARS EMPLOYED.										AVERAGE.		Per cent employed regularly.	Number.
7	8	9	10	11	12	13	14	15	16 and over	Years.	Mo's.		
.....	3	.....	1	.....	.....	.....	.....	.....	.....	4	10	95.7	35
9	8	5	6	2	7	6	3	4	45	8	4	89.0	36
1	1	.....	.....	.....	2	.....	.....	.....	8	9	2	96.4	37

## BIRTHPLACE OF EMPLOYEES AND THEIR PARENTS.

Table 27 presents the statistics of the nativity of the 2,545 women and girls embraced in this investigation. There are in general two classes, the native born and those born in other countries. In this classification it is shown that 1,937, or 76.1 per cent, were born in Illinois and other states and 608, or 23.9 per cent in foreign countries. Of the native born, 83.6 per cent were born in Illinois and 16.4 per cent in other states. Of the 608 foreign born, 537 are shown to be from eleven different countries and seventy-one from countries not named.

The foreign countries represented are, in order of numbers reporting: Germany, 26.8 per cent; Poland, 26.1 per cent; Great Britain, 15.6 per cent; Bohemia, 7.2 per cent; Russia, 7.1 per cent; Norway and Sweden, 3.5 per cent; and all other countries, 13.7 per cent.

Regarding the nativity of parents, 2,488 reported as to fathers. Of this number, 17.8 per cent were native born and 82.2 per cent of foreign birth. There were 2,480 reported as to nativity of their mothers. Of these, 22.3 per cent, were native born and 77.6 per cent foreign born.

TABLE 27—*Birthplace of Employees*

INDUSTRIES.	Whole number reporting.	NATIVE BORN.			FOREIGN					
		Illinois.	Other states.	Total.	Bohemia.	Canada.	England and Wales.	Germany.	Ireland.	
All industries.....	2,545	1,620	317	1,937	44	24	24	163	39	
Bakery.....	60	45	3	48	.....	.....	.....	3	2	
Binding twine, canvas, etc.....	170	111	8	119	4	1	.....	28	.....	
Blank books.....	4	2	2	4	.....	.....	.....	.....	.....	
Bonnets.....	19	16	1	17	.....	.....	.....	1	1	
Boots and shoes.....	42	32	5	37	.....	3	.....	1	.....	
Brooms.....	4	.....	1	1	.....	.....	.....	.....	1	
Chairs and baby carriages.....	15	6	5	11	.....	.....	.....	.....	.....	
Chewing gum.....	47	30	9	39	.....	2	3	.....	1	
Cigars.....	82	37	9	46	5	.....	1	7	.....	
Clothing.....	31	19	1	20	8	.....	1	.....	.....	
Confectionery.....	141	101	17	118	2	.....	1	12	1	
Druggists' sundries.....	37	26	5	31	.....	1	.....	2	.....	
Electrical goods.....	35	25	5	30	.....	.....	.....	2	3	
Gloves and mittens.....	49	37	3	40	.....	.....	1	8	.....	
Hardware specialties.....	10	3	2	5	.....	.....	.....	.....	2	
Ink and mucilage.....	12	9	1	10	.....	.....	1	.....	1	
Jewelers' findings, etc.....	16	8	6	14	.....	.....	.....	1	.....	
Knit goods.....	68	40	10	50	1	.....	.....	5	.....	
Ladies' hats.....	8	.....	1	1	.....	.....	.....	.....	.....	
Laundry.....	174	111	24	135	1	3	3	14	6	
Letter files.....	13	10	3	13	.....	.....	.....	.....	.....	
Meat packing.....	451	226	55	281	16	3	1	25	9	
Metal goods.....	105	66	13	79	1	1	.....	8	.....	
Overalls.....	19	15	4	19	.....	.....	.....	.....	.....	
Paper boxes.....	217	167	14	181	6	3	1	15	2	
Pianos and organs.....	19	16	.....	16	.....	.....	.....	3	.....	
Pipes and fittings.....	72	28	5	33	.....	.....	.....	2	.....	
Rubber goods.....	12	7	2	9	.....	.....	2	.....	.....	
Shoes and slippers.....	5	4	1	5	.....	.....	.....	.....	.....	
Shoes.....	199	152	29	181	.....	1	2	8	.....	
Soap, toilet articles, etc.....	82	52	12	64	.....	1	1	5	1	

*and Parents, by Industries.*

BORN.								BIRTHPLACE OF PARENTS.					
Italy.	Norway.	Poland.	Russia.	Scotland.	Sweden.	Others.	Total.	NATIVE BORN.		FOREIGN BORN.		NOT REPORT-ED.	
								Father.	Mother.	Father.	Mother.	Father.	Mother.
12	1	159	43	8	20	71	608	442	554	2,046	1,926	57	65
4						3	12	4	6	56	53		1
1		11	1	1	2	2	1	11	15	159	153		2
								1	1	3	3		
							2	10	9	9	10		
						1	5	4	2	36	38	2	2
		2					3			4	4		
		3				1	4	3	3	12	12		
		1				1	8	7	10	40	37		
1		6	14			2	36	6	5	76	77		
1						1	11	3	3	27	27	1	1
4		1	1			1	23	31	37	100	104	1	
			1		2		6	5	10	32	27		
							5	4	5	28	28	3	2
							9	3	5	46	44		
			1			2	5	3	2	7	8		
							2	1	3	10	8	1	1
					1		2	6	7	10	9		
			7			5	18	6	7	61	60	1	1
			5			2	7			8	8		
	1	4			6	1	39	31	31	142	141	1	2
								4	4	9	9		
		83	10	2	1	20	170	46	63	382	362	23	26
		8			1	7	26	17	17	88	82	5	6
								10	12	9	7		
		2	2			5	36	19	26	194	187	4	4
							3		1	19	18		
		35	1			1	39	3	2	69	68		2
						1	3	4	3	8	9		
								2	3	3	2		
		1		1	3	2	18	68	74	130	122	1	3
1		1				8	18	22	29	55	48	5	5

Table 27—

INDUSTRIES.	Whole number reporting.	NATIVE BORN.			FOREIGN				
		Illinois.	Other states.	Total.	Bohemia.	Canada.	England and Wales.	Germany.	Ireland.
Tacks and wire nails .....	13	10	1	11	.....	.....	.....	.....	.....
Telephones .....	25	13	6	19	.....	1	1	2	1
Tents, awnings, etc. ....	10	5	3	8	.....	.....	.....	2	.....
Underwear .....	23	15	4	19	.....	1	.....	1	2
Watches .....	228	153	46	199	.....	3	5	6	4
Woolen goods .....	28	23	1	24	.....	.....	.....	2	2

Continued.

BORN.								BIRTHPLACE OF PARENTS.					
Italy.	Norway.	Poland.	Russia.	Scotland.	Sweden.	Others.	Total.	NATIVE BORN.		FOREIGN BORN.		NOT REPORTED.	
								Father.	Mother.	Father.	Mother.	Father.	Mother.
.....	1	.....	1	.....	.....	.....	2	3	4		9	.....	.....
.....	.....	.....	.....	.....	.....	1	6	6	9		16	.....	.....
.....	.....	.....	.....	.....	.....	.....	2	.....	1		9	.....	.....
.....	.....	.....	.....	.....	.....	.....	4	1	5		18	.....	.....
.....	.....	.....	.....	3	4	4	29	87	127		95	8	6
.....	.....	.....	.....	.....	.....	.....	4	11	13		14	1	1

## YEARS ATTENDING SCHOOL.

Table 28 shows the number who have attended school and the number of years during which they were favored in acquiring an education. The whole number reporting was 2,471. Of these, twenty-nine reported that they had never attended school. Twenty-seven of these were foreign born and two native born. Of the latter, one was 47 years of age, the other 60 years.

The average years of school attendance for the whole number reporting was seven years. There were 239, or 9.8 per cent who attended school from one to four years; 573, or 23.5 per cent five and six years; 1,253, or 51.3 per cent seven and eight years; 377, or 15.4 per cent nine years and more. Fifty-eight in this latter class attended school from twelve to eighteen years; forty-three, twelve years; seven, thirteen years; six, fourteen years, and one each, fifteen and eighteen years.

The largest number in any one class is that of the eight-year period. Taking the number of these working girls who have been favored by school privileges from five to eight years, and they comprise about 75 per cent of the whole number.

TABLE 28—*Number Who Have Attended*

INDUSTRIES.	Total number.	YEARS AT SCHOOL.				
		None.	1	2	3	4
All industries.....	2,545	27	17	42	59	121
Bakery.....	60	1			3	2
Binding twine, canvas, etc.....	173		3	6	7	8
Blank books.....	4					
Bonnets.....	19					
Boots and shoes.....	42				1	1
Brooms.....	4					
Chairs and baby carriages.....	15			1		
Chewing gum.....	47					1
Cigars.....	82	2	1		2	16
Clothing.....	31			2		1
Confectionery.....	141		2	1	3	9
Druggists' sundries.....	37					
Electrical goods.....	35	1		1		
Gloves and mittens.....	49				2	2
Hardware specialties.....	10	1				
Ink and mucilage.....	12					1
Jewelers' findings, etc.....	16					
Knit goods.....	68	1		1		3
Ladies' hats.....	8			1	1	2
Laundry.....	174			4	1	8
Letter files.....	13					
Meat packing.....	451	15	8	14	21	41
Metal goods.....	106			3	1	4
Overalls.....	19					1
Paper boxes.....	217		2	1	4	7
Pianos and organs.....	19					1
Pipes and fittings.....	72	8		4	8	8
Rubber goods.....	12					
Shoes and slippers.....	5					1
Shoes.....	199			2		
Soap, toilet articles, etc.....	82			1	3	2
Tacks and wire nails.....	13					1
Telephone manufacturing.....	25					

*School for Specified Periods, by Industries.*

YEARS AT SCHOOL.									AVERAGES.	
5	6	7	8	9	10	11	12 and over.	Not reported.	Years.	Months.
192	381	582	671	150	131	38	56	74	7	.....
6	11	13	11	5	5	.....	2	1	7	1
17	34	42	44	3	3	1	1	1	6	4
.....	2	.....	2	.....	.....	.....	.....	.....	7	.....
.....	1	4	6	2	3	2	1	.....	8	8
2	7	14	15	1	.....	.....	1	.....	7	1
2	.....	1	1	.....	.....	.....	.....	.....	6	3
1	1	6	2	3	.....	.....	1	.....	7	4
2	3	12	20	2	6	1	.....	.....	7	9
15	15	13	16	1	1	.....	.....	.....	5	11
2	5	9	11	1	.....	.....	.....	.....	6	9
5	23	43	38	11	4	1	.....	1	6	1
1	7	3	20	.....	4	1	*1	.....	7	11
7	.....	8	8	4	2	1	2	1	7	6
7	9	14	11	1	3	.....	.....	.....	6	8
.....	5	1	2	1	.....	.....	.....	.....	6	11
1	3	3	4	.....	.....	.....	.....	.....	6	8
1	1	4	6	1	2	1	.....	.....	7	11
5	13	19	20	.....	3	1	.....	2	6	11
.....	.....	1	3	.....	.....	.....	.....	.....	5	6
15	23	38	48	14	11	2	6	4	7	1
.....	3	4	4	2	.....	.....	.....	.....	7	5
47	77	90	57	13	12	2	17	47	6	2
15	13	33	26	1	4	1	.....	4	6	5
1	1	4	6	4	2	.....	.....	.....	7	9
14	37	65	72	9	3	2	1	.....	6	11
1	7	7	1	1	1	.....	.....	.....	6	8
9	14	9	8	1	.....	.....	.....	3	5	5
.....	2	1	9	.....	.....	.....	.....	.....	7	7
.....	.....	1	2	.....	1	.....	.....	.....	7	5
3	23	47	75	25	12	6	16	.....	7	11
1	17	16	26	3	3	.....	3	7	7	2
1	1	2	7	.....	1	.....	.....	.....	7	4
1	4	8	10	.....	2	.....	.....	.....	7	5

Table 28—

INDUSTRIES.	Total number.	YEARS AT SCHOOL.				
		None.	1	2	3	4
Tents, awnings, etc.....	10	.....	.....	.....	.....	.....
Underwear.....	23	.....	.....	.....	.....	.....
Watches .....	228	.....	.....	.....	2	1
Woolen goods .....	28	.....	1	.....	.....	.....

\* One 14 years.

† Two 14 years.

‡ Two 13 years and one 15 years.

§ Four 13 years, three 14 years. one 18 years.

|| One 13 years.



Concluded.

YEARS AT SCHOOL.									AVERAGES.	
5	6	7	8	9	10	11	12 and over.	Not reported.	Years.	Months.
.....	1	5	2	.....	1	1	.....	.....	7	5
3	1	6	10	1	.....	.....	1	1	7	6
8	12	27	63	38	39	15	\$23	2	9	.....
1	5	9	5	2	3	.....	\$2	.....	7	7

#### TOILET ROOMS, WASH ROOMS, PLACES FOR WRAPS AND FOR CHANGE OF CLOTHING.

The agents of the bureau in collecting information made a thorough examination of the rooms and surroundings in all establishments regarding the sanitary conditions of the toilet and wash rooms; also as to the places provided for wraps and for changing clothing. This examination related in particular to the provision of conveniences, their fitness and suitableness, for the women and girls, and the becoming correctness of all these measures with direct reference to the similar accommodations provided for men. In the eighty-six establishments, every one had separate toilet rooms for the women and girls; thirty-eight were located in rooms separated from the working rooms; nineteen were on different floors; twenty-one were separated from the working rooms by partitions; while eight were located in halls or different parts of the buildings.

The locations of these toilet rooms relative to the working rooms are described as follows: Forty-six as being convenient, but not adjoining; nineteen on same floor as working rooms; thirteen on different floors from working rooms, and only eight adjoining working rooms.

The equipment of the different establishments providing rooms, closets or separate places for the women and girls for disposing of their wraps during working hours was found to be quite general. In eighty-two establishments sufficient accommodations of this character were provided, and in only four of the establishments was the place for wraps of the women and girls the same as those for men.

Wash rooms were found to be provided in eighty-two of the eighty-six establishments. These wash rooms in seventy-four establishments were separate from those provided for men.

For change of clothing, seventy-six establishments had places provided, all being shielded from view; and in seventy-three establishments these places were in rooms separated from the work rooms.

It is to be noted that in all the establishments where separate places were provided for wraps, wash rooms and for change of clothing, etc., 97 to 100 per cent of the whole number reported were employed.

TABLE 29—*Provident Considerations and*

INDUSTRIES AND ESTABLISHMENTS.	TOILET	
	Women separate from men?	How separated.
<b>Bakery—</b>		
Establishment A.....	Yes.....	Different room.....
..do..... B.....	..do.....	..do.....
..do..... C.....	..do.....	Partition.....
..do..... D.....	..do.....	Different room.....
<b>Binding twine, canvas, etc.....</b>	..do.....	..do.....
<b>Blank books.....</b>	..do.....	Different floor.....
<b>Bonnets.....</b>	..do.....	Different part building....
<b>Boots and shoes—</b>		
Establishment A.....	..do.....	Partition.....
..do..... B.....	..do.....	..do.....
..do..... C.....	..do.....	Different floor.....
<b>Brooms.....</b>	..do.....	..do.....
<b>Chairs and baby carriages.....</b>	..do.....	..do.....
<b>Chewing gum—</b>		
Establishment A.....	..do.....	Different room.....
..do..... B.....	..do.....	..do.....
<b>Cigars—</b>		
Establishment A.....	..do.....	Partition.....
..do..... B.....	..do.....	Different room.....
..do..... C.....	..do.....	..do.....
..do..... D.....	..do.....	Partition.....
..do..... E.....	..do.....	Different room.....
..do..... F.....	..do.....	Different floor.....
<b>Clothing.....</b>	..do.....	Partition.....
<b>Confectionery—</b>		
Establishment A.....	..do.....	Different floor.....
..do..... B.....	..do.....	..do.....
..do..... C.....	..do.....	..do.....
..do..... D.....	..do.....	Different room.....
..do..... E.....	..do.....	Partition.....
..do..... F.....	..do.....	Different room.....
<b>Druggists' sundries.....</b>	..do.....	..do.....
<b>Electrical goods.....</b>	..do.....	Partition.....
<b>Gloves and mittens.....</b>	..do.....	..do.....
<b>Hardware specialties.....</b>	..do.....	Different floor.....
<b>Ink and mucilage.....</b>	..do.....	Wall.....
<b>Jewelers' findings, etc.....</b>	..do.....	Different room.....
<b>Knit goods—</b>		
Establishment A.....	..do.....	..do.....
..do..... B.....	..do.....	Partition.....
<b>Ladies' hats.....</b>	..do.....	..do.....



Table 29—

INDUSTRIES AND ESTABLISHMENTS.	TOILET	
	Women separate from men?	How separated.
Laundry—		
Establishment A.....	Yes.....	Different room.....
..do. B.....	..do. ....	Different floor.....
..do. C.....	..do. ....	..do. ....
..do. D.....	..do. ....	Partition.....
..do. E.....	..do. ....	..do. ....
..do. F.....	..do. ....	Different room.....
..do. G.....	..do. ....	Partition.....
..do. H.....	..do. ....	Different room.....
..do. I.....	..do. ....	Partition.....
..do. J.....	..do. ....	Different room.....
..do. K.....	..do. ....	Partition.....
..do. L.....	..do. ....	Different room.....
..do. M.....	..do. ....	..do. ....
Letter files.....	..do. ....	..do. ....
Meat packing—		
Establishment A.....	..do. ....	Different room, bldg, etc.
..do. B.....	..do. ....	Different room.....
..do. C.....	..do. ....	Different floor, room, etc.
..do. D.....	..do. ....	..do. ....
..do. E.....	..do. ....	Different room.....
..do. F.....	..do. ....	..do. ....
..do. G.....	..do. ....	..do. ....
Metal goods—		
Establishment A.....	..do. ....	Different room, etc.....
..do. B.....	..do. ....	Different room.....
..do. C.....	..do. ....	..do. ....
Overalls.....	..do. ....	Different room.....
Paper boxes—		
Establishment A.....	..do. ....	Partition.....
..do. B.....	..do. ....	Half partition.....
..do. C.....	..do. ....	Different room.....
..do. D.....	..do. ....	By room.....
..do. E.....	..do. ....	..do. ....
..do. F.....	..do. ....	Different part building..
..do. G.....	..do. ....	Different room.....
..do. H.....	..do. ....	Different part building..
..do. I.....	..do. ....	Partition.....
Pianos and organs.....	..do. ....	Different room.....
Pipes and fittings.....	..do. ....	..do. ....
Rubber goods.....	..do. ....	..do. ....
Shoes and slippers.....	..do. ....	Partition.....
Shoes—		
Establishment A.....	..do. ....	Different floor etc.....
..do. B.....	..do. ....	Different room.....
..do. C.....	..do. ....	Different floor.....
Soap, toilet articles, etc—		
Establishment A.....	..do. ....	..do. ....
..do. B.....	..do. ....	Different building.....
Tacks and wire nails..	..do. ....	Different room.....
Telephone manufacturing —	..do. ....	..do. ....

Continued.

ROOMS.	OTHER CONVENIENCES.						
	WRAPS.		WASH ROOM.		CHANGE OF CLOTHING.		
	Place for?	Separate from men?	Place?	Separate from men?	Place?	Shielded?	Separate room?
Location as to Work Room							
Convenient.....	Yes.....	Yes.....	Yes.....	Yes.....	Yes.....	Yes.....	Yes.....
..do.....	..do.....	..do.....	..do.....	..do.....	No.....	..do.....	No.....
..do.....	..do.....	..do.....	..do.....	No.....	..do.....	..do.....	..do.....
Same floor.....	..do.....	..do.....	Yes.....	Yes.....	..do.....	..do.....	Yes.....
..do.....	No.....	No.....	No.....	No.....	..do.....	..do.....	No.....
Convenient.....	Yes.....	..do.....	Yes.....	..do.....	..do.....	..do.....	Yes.....
Corner of room.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Corner of room.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Adjoining, etc.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Same or other floors.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Conv., same floor, etc.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Same floor, etc.....	..do.....	..do.....	..do.....	..do.....	No.....	..do.....	..do.....
Convenient.....	No.....	..do.....	No.....	..do.....	..do.....	..do.....	..do.....
..do.....	Yes.....	..do.....	Yes.....	..do.....	Yes.....	..do.....	..do.....
N-W. corner.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Same floor.....	..do.....	..do.....	..do.....	No.....	..do.....	..do.....	..do.....
Side room.....	..do.....	..do.....	..do.....	Yes.....	..do.....	..do.....	..do.....
Hallways.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Side room.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
End room.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Same floor.....	..do.....	..do.....	..do.....	No.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	Yes.....	..do.....	..do.....	..do.....
Same floor.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Side of room.....	..do.....	..do.....	..do.....	No.....	..do.....	..do.....	..do.....
Same floor.....	..do.....	..do.....	..do.....	Yes.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Upper floor, etc.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Side of room.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
Same floor.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	..do.....	..do.....	..do.....	No.....	..do.....	..do.....
Convenient.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....

Table 29—

INDUSTRIES AND ESTABLISHMENTS.	TOILET	
	Women separate from men?	How Separated.
Tents, awnings, etc.....	Yes.....	Different room.....
Underwear.....	..do.....	..do.....
Watches—		
Establishment A.....	..do.....	..do.....
..do..... B.....	..do.....	Partition.....
Woolen goods.....	..do.....	Different part building...

#### REASONS FOR EMPLOYING WOMEN AND GIRLS AND THEIR RELATIVE EFFICIENCY.

The questions submitted to the employers requesting the reasons for employing women and girls, and their relative efficiency, in the numerous occupations, as compared with men, received general and unqualified replies and is presented in table 30. In twenty-five of the industries, employing 70 per cent of the women and girls, and who were engaged in 58 per cent of the occupations, the reasons given for their employment, almost without exception, was "better adapted." In fact, the answers of all the other employers are found to be equivalent to this statement. In ten industries it is regrettable to find that the reasons given for employing women and girls was that they were cheaper, meaning thereby that they could be employed at less wages than men and boys. Notwithstanding, these employers, almost without exception, freely stated that women and girls were better adapted to do the work for which they were employed.

Concluded.

ROOMS.	OTHER CONVENIENCES.						
	WRAPS.		WASH ROOM.		CHANGE OF CLOTHING.		
	Place for?	Separate from men?	Place?	Separate from men?	Place?	Shield?	Separate room?
Location as to Work Room							
Convenient.....	Yes.....	Yes.....	Yes.....	Yes.....	Yes.....	Yes.....	Yes.....
Same floor.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....	..do.....
..do.....	..do.....	No.....	..do.....	..do.....	No.....	.....	.....
Center of building.....	..do.....	..do.....	..do.....	No.....	..do.....	.....	.....
Different room.....	..do.....	Yes.....	..do.....	..do.....	Yes.....	..do.....	..do.....

Considering the answers as to the relative efficiency in the employment of women and girls in the several industries with that of men and boys, the employers in thirty-six industries made answer. Of these, thirty-four, or 94 per cent, stated they were either superior, equal, better, preferable, about equal, more dexterous or quicker. Some of the answers are qualified, but in a majority of cases the answers were positive.

In connection with the foregoing, an inquiry was made as to the wage scale of men and women working at the same occupation in the same industry, comprising the rate of wages by the day, by the hour and by the piece. The statements furnished by the employers were quite general and were secured from one or more establishments in each industry. It was found impracticable to tabulate these varied rates of wages. However, a general and close synopsis was made by industries, and the summing up of the results is that the scale of wages for women and girls, in the several industries where working by the day or hour, range from 40 to 50 per cent less than for men; and where women and girls are employed by the piece they receive the same rate that is paid to men for the same class of work.

TABLE 30—*Reasons for Employing Women and Girls*

Number.	INDUSTRIES.	NUMBER OF—	
		Estab- lishments.	Occu- pations.
		88	400
1	Bakery .....	4	10
2	Binding twine, canvass, etc .....	1	16
3	Blank books .....	1	3
4	Bonnets .....	1	8
5	Boots and shoes .....	3	14
6	Brooms .....	1	1
7	Chairs and baby carriages .....	1	5
8	Chewing gum .....	2	6
9	Cigars .....	6	9
10	Clothing .....	1	4
11	Confectionery .....	6	13
12	Druggists' sundries .....	1	14
13	Electrical goods .....	1	7
14	Gloves and mittens .....	1	7
15	Hardware specialties .....	1	4
16	Ink and mucilage .....	1	3
17	Jewelers' findings, etc. ....	1	4
18	Knit goods .....	2	7
19	Ladies' hats .....	1	1
20	Laundry .....	13	20
21	Letter files .....	1	5
22	Meat packing .....	7	56
23	Metal goods .....	3	24
24	Overalls .....	1	4
25	Paper boxes .....	9	24
26	Pianos and organs .....	1	11
27	Pipes and fittings .....	1	5



*and Their Relative Efficiency Compared with Men.*

Reasons.	Relative Efficiency.
Better adapted, cheaper, more competent, deft, steadier .....	Superior; better for this work .....
Better adapted, cheaper, steadier .....	Superior, equal; about 80 % as good .....
Cheaper; men not adapted, will not do this work .....	Equal .....
Much better; can not get men to do this work .....	Far preferable .....
Much better; men will not do this work .....	Better for the class of work .....
Steadier and handler .....	Superior .....
On light work better adapted .....	..do. ....
Better adapted .....	..do. ....
"Stripping" women's work; more careful, neater, less trouble; better for some work, can not get men .....	Equal, nearly equal; 80 % as good as males; better, preferable; far superior .....
Woman's work .....	No answer .....
Better adapted, cheaper and quicker .....	Quicker, better for some work; women's work; superior .....
Better adapted, for light work .....	Not adapted to some work .....
Cheaper, more efficient .....	Equal .....
Better at this work .....	Superior in every way .....
Better adapted; less troublesome .....	Superior; different work .....
Better adapted; cleaner and neater .....	Superior .....
Cheaper .....	About equal .....
Better adapted .....	Superior .....
..do. ....	..do. ....
Better adapted; cheaper, neater, steadier, more capable; woman's work; woman preferred .....	Equal, superior, better, not so good, preferable .....
Better adapted .....	Superior .....
Better adapted, better results; cheaper, steadier, handler, more industrious, quicker, cleaner, less trouble, easier to get; women's and girls' work .....	Superior, equal, better; do more and better work; not so good, not so strong; 60 % as good, 75 % as good .....
Less trouble, easier to get, quicker, cheaper, more careful, do good work, do light work .....	Superior, equal; 60 % as good; quicker .....
Cheaper .....	Superior .....
Better adapted, cheaper, neater, quicker .....	Superior, better work, more skillful, more accurate and artistic .....
Better adapted .....	Superior .....
Cheaper and more adept .....	Equal and quicker in small work .....

Table 30—

Number.	INDUSTRIES.	NUMBER OF—	
		Estab- lishments.	Occu- pations.
28	Rubber goods.....	1	6
29	Shoes and slippers.....	1	5
30	Shoes.....	3	49
31	Soap, toilet articles, etc.....	2	17
32	Tacks and wire nails.....	1	3
33	Telephone manufacturing.....	1	13
34	Tents, awnings, etc.....	1	2
35	Underwear.....	1	5
36	Watches.....	2	64
37	Woolen goods.....	1	11

Scale of wages for women is from 40 to 50 per cent less than for men, in working by the day and hour. In piece work, women receive the same as men for the same class of work.

Concluded.

Reasons.	Relative Efficiency.
Women's work.....	Superior.....
Better for this work.....	..do. ....
Cheaper, custom, woman's work; men would not do this work.....	Superior, equal; do 60% as much.....
Better adapted, handler; men would not do this work.....	Superior; better in light work.....
Better adapted.....	Better than boys; men won't do this work....
Cheaper.....	Equal in some work.....
Better adapted.....	Superior; different work.....
Cheaper, better adapted.....	Not so good.....
Cheaper.....	Superior; more skillful.....
Cheaper and easier to get.....	More dexterous; not so good.....

## FRATERNAL INSURANCE.

Table 31 presents the results of an inquiry as to fraternal insurance carried by these working women and girls. Those carrying this plan of insurance were found in all of the industries excepting brooms and ladies' hats.

The number reporting as to amount carried and the cost for same was 845, or 33.3 per cent of the whole number. The range as to amounts insured was from \$25 for one girl in meat packing works to \$2,800 for one girl in a watch factory. The average amount carried for all was \$420, ranging from \$175 in blank books to \$930 in watches. The average yearly cost to each was \$8.34, ranging from \$4.99 in bonnets to \$15.36 in boots and shoes.

In many instances the statement was made that a weekly sick benefit was paid in conjunction with the insurance. This was presumably true in all cases, considering the cost, although this item was not so reported.

The total amount of insurance carried by the 845 women and girls was \$354,600, or an average of \$420; the number insured in amounts above this average was 303, or 36 per cent of the whole number, and this class carried 75 per cent of the total insurance; the average amount carried being \$875, costing \$13.75 a year.

TABLE 31.—*Fraternal Insurance Carried by Women and Girls, by Industries.*

Number.	INDUSTRIES.	Number.	Number insured.	RANGING		AVERAGE		MORE THAN AVERAGE.			LESS THAN AVERAGE.		
				From—	To—	Amount carried.	Yearly cost.	Number.	AVERAGE		Number.	AVERAGE	
									Amount carried.	Yearly cost.		Amount carried.	Yearly cost.
	All industries.....	2,533	845	\$25	\$2,800	\$420	\$8 34	303	\$875	\$13 75	542	\$166	\$5 31
1	Bakeries .....	60	25	\$100	\$1,500	\$457	\$ 9 32	10	\$ 896	\$14 71	15	\$177	\$5 73
2	Binding twine, canvas, etc	170	60	75	2,000	326	7 36	16	774	11 30	44	150	5 93
3	Blank books .....	4	2	150	200	175	5 20	1	200	5 20	1	150	5 20
4	Bonnets .....	19	5	100	250	178	4 99	3	209	5 20	2	130	4 68
5	Boots and shoes .....	42	11	150	1,500	692	15 36	6	1,017	21 84	5	303	7 59
6	Chairs and baby carriages	15	9	100	1,000	306	10 62	3	617	19 72	6	150	6 07
7	Chewing gum .....	47	21	75	1,000	244	8 06	5	550	16 55	16	149	5 40
8	Cigars .....	82	25	100	1,000	374	7 87	11	673	11 50	14	139	5 01
9	Clothing .....	31	6	300	600	525	7 59	4	588	7 84	2	400	7 10
10	Confectioneries .....	141	57	75	1,500	273	6 23	13	718	11 90	44	141	4 55
11	Druggists' sundries .....	37	15	75	1,000	261	6 47	3	594	8 93	12	178	5 85
12	Electrical goods .....	35	10	180	1,000	401	10 71	3	783	19 08	7	238	7 13

Table 31—Concluded.

Number.	INDUSTRIES.	Number.	Number insured.	RANGING		AVERAGE		MORE THAN AVERAGE.		LESS THAN AVERAGE.			
				From—	To—	Amount carried.	Yearly cost.	Number.	AVERAGE		Number.	AVERAGE	
									Amount carried.	Yearly cost.		Amount carried.	Yearly cost.
13	Gloves and mittens.....	49	8	\$140	\$1,000	\$578	\$ 8 69	4	\$ 871	\$11 37	4	\$285	\$6 00
14	Hardware specialties.....	10	6	100	700	300	7 17	2	600	11 10	4	151	5 20
15	Ink and mucilage.....	12	8	100	600	240	6 97	2	513	16 68	6	149	3 90
16	Jewelers' findings.....	16	9	100	500	189	8 22	3	317	15 73	6	125	4 30
17	Knit goods.....	68	15	75	500	181	5 13	5	379	9 10	10	120	4 16
18	Laundries.....	174	78	50	2,000	438	7 94	30	862	12 01	48	173	5 39
19	Letter files.....	13	7	100	500	286	7 99	3	433	12 64	4	175	4 50
20	Meat packing.....	451	112	25	2,500	400	7 10	39	863	12 28	73	154	4 34
21	Metal goods.....	105	23	90	1,500	381	8 19	7	907	13 56	16	150	5 84
22	Overalls.....	19	10	100	1,500	420	6 48	2	1,400	13 50	8	175	4 73
23	Paper boxes.....	217	57	50	1,500	315	7 13	15	727	11 35	42	191	5 60
24	Pianos and organs.....	19	2	100	600	350	11 40	1	600	12 00	1	100	10 80
25	Pipes and fittings.....	72	18	75	1,000	306	5 63	5	580	8 56	13	200	4 50
26	Rubber goods.....	12	7	150	250	204	7 20	4	244	8 70	3	150	5 20
27	Shoes and slippers.....	5	2	134	500	317	5 44	1	500	5 68	1	134	5 20
28	Shoes.....	199	79	50	2,000	531	9 34	24	1,108	13 81	55	279	7 39
29	Soap, toilet articles, etc..	82	31	75	1,000	355	7 40	10	750	11 50	21	167	5 45
30	Tacks and wire nails.....	13	3	138	500	261	5 07	1	500	4 80	2	384	5 20
31	Telephones.....	25	14	100	1,000	270	7 02	3	667	12 81	11	162	5 44
32	Tents, awnings, etc.....	10	5	200	1,000	530	13 80	2	875	21 50	3	300	8 67
33	Underwear.....	23	5	100	1,500	569	8 87	2	1,250	18 07	3	115	2 87
34	Watches.....	228	91	50	2,800	739	12 72	57	1,075	16 75	34	175	5 94
35	Woolen goods.....	28	9	118	2,600	930	12 41	4	1,400	21 42	5	154	5 20

## MEMBERS OF TRADE UNIONS.

The answers received from the inquiry concerning membership in trade unions was quite limited. Replies were received from employes in only six industries. The number reporting as belonging to unions was 137, or about 20 per cent of the whole number employed in the same industries.

## WEEKS AT WORK, WAGES.

Table 32 gives the detailed experience of each woman and girl as to weeks at work, time lost, wages received, whether paid by the week or by the piece; actual earnings for the week in which the information was secured, designated as the "current week;" the highest and lowest earnings; the average for the weeks employed, and the total earnings for the year. This table is presented by industries; the heading to each industry table gives briefly the possible working time; working hours from morning to evening; time allowed for midday lunch; frequency of the payment of wages; character of the building and means of reaching the work rooms.

Preceding each industry table will be found a brief comment descriptive of the character of the employment and other matters gleaned by the agents of the bureau.

## BAKERIES.

In this industry, comprising four establishments, reports were secured from 60, or 13 per cent, of the average number employed, and is made the basis of the table following. The information as to wages was obtained from the pay rolls. The work is mostly done by men until after the baking is finished. The women remove the baked goods from the pans, pack them in cans or boxes and wrap certain kinds in paper boxes. They also do the inspecting and weighing. In one bakery which makes pies only women prepare the fruits. Most of them could not speak English.

Portions of the work in all bakeries may be done sitting and seats are provided. No time is allowed for resting except in case of sickness.

Machines with safety appliances are used in one instance and are operated by men. No injuries were reported during the year. No allowance for overtime or for time lost. No fines are imposed.

The sanitation generally is poor. The average air space in two of the four concerns is below what is considered necessary for health.

TABLE 32—BAKERIES—Four Establishments—Possible Working Time 52 Weeks—Working Hours of Establishments A, B and C are 9, from 7:00 a. m. to 5:00 p. m.; One Hour Allowed for Midday Lunch. Establishment D, Working Hours 10, from 7:30 a. m. to 5:30 p. m.; Thirty Minutes Allowed for Midday Lunch. Buildings A, B and C are Three Stories, D Two Stories. All have Stairways and Elevators Except A Which has Stairways Only. Wages are Paid Weekly in all Establishments.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year	
						Highest.	Lowest.			
ESTABLISHMENT A.										
1	Boxmaker .....	37	*12	Hour	\$4 35	\$ 4 90	\$1 95	\$3 84	\$142	
2	Labeler .....	52		Piece	7 40	12 10	2 10	7 06	368	
3	do. ....	51	*1	do.	7 20	11 75	3 35	7 20	367	
4	do. ....	28	*24	do.	8 40	9 55	2 20	6 46	181	
5	Packer .....	52		do.	11 80	12 35	4 35	9 77	506	
6	do. ....	51	*1	do.	10 70	11 15	3 00	8 12	414	
7	do. ....	52		do.	9 50	10 40	3 20	7 96	414	
8	do. ....	52		do.	12 65	13 30	3 10	9 37	487	
9	do. ....	51	*1	do.	12 75	12 85	4 45	9 47	483	
10	do. ....	52		do.	8 85	10 00	2 40	7 54	392	
11	do. ....	52		do.	9 45	10 30	1 55	7 02	365	
12	do. ....	52		do.	12 10	13 45	2 75	8 94	465	
13	do. ....	52		do.	8 65	9 55	2 45	7 06	367	
14	do. ....	51	*1	do.	12 45	12 45	2 65	9 16	467	
15	do. ....	52		do.	10 65	12 10	3 65	8 63	449	
16	do. ....	46	*6	do.	11 70	11 80	4 85	9 35	430	
17	do. ....	52		do.	7 75	8 95	1 30	6 37	331	
18	do. ....	49	*3	do.	6 80	12 15	3 35	8 63	423	
ESTABLISHMENT B.										
1	Helper .....	52		do.	7 60	8 70	3 90	6 21	323	
2	do. ....	51	*1	do.	6 55	8 95	3 50	6 71	342	
3	do. ....	52		do.	7 50	9 50	4 00	7 31	390	
4	Labeler .....	51	11	do.	6 25	8 60	4 70	6 22	317	
5	do. ....	50	12	do.	6 00	7 60	3 00	5 52	291	
6	do. ....	48	*4	do.	8 00	8 00	4 00	5 79	278	
7	do. ....	52		do.	5 55	8 00	4 25	7 25	377	
8	Packer .....	52		do.	6 95	9 90	4 35	7 21	375	
9	do. ....	52		do.	10 30	10 30	3 15	7 37	388	
10	do. ....	52		do.	10 90	11 55	4 35	8 60	447	
11	do. ....	52		do.	9 25	10 05	4 25	8 06	419	
12	do. ....	51	11	do.	10 05	11 30	4 25	8 98	458	
13	do. ....	52		do.	9 30	10 05	5 30	7 54	392	
14	do. ....	52		do.	10 10	12 50	6 50	9 33	485	
15	do. ....	52		do.	7 60	12 00	5 10	7 90	411	
16	do. ....	52		do.	11 05	11 05	5 20	7 90	411	
17	do. ....	52		do.	7 20	10 65	6 25	8 29	431	

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT C.									
1	Former .....	52		Piece.....	\$ 5 35	\$ 8 00	\$2 90	\$6 08	\$316
2	do. ....	52		Week .....	6 40	7 00	3 50	6 21	323
3	Labeler .....	52		Piece.....	4 75	10 54	3 00	6 02	313
4	Liner .....	52		Week .....	10 00	10 00	8 15	9 06	471
5	Packer .....	51	11	Piece.....	9 10	11 10	5 00	7 94	406
6	do. ....	52		do. ....	5 80	10 05	3 95	7 65	398
7	do. ....	52		do. ....	9 90	11 25	3 15	8 56	445
8	do. ....	48	14	do. ....	7 95	8 20	3 10	7 10	341
9	do. ....	51	11	do. ....	7 70	8 15	3 00	6 51	332
10	do. ....	49	\$3	do. ....	5 60	9 20	4 25	6 71	329
11	do. ....	51	11	do. ....	5 60	9 50	4 30	6 84	349
12	do. ....	52		do. ....	8 70	10 30	4 00	7 63	397
13	do. ....	52		do. ....	8 25	9 00	3 90	6 98	363
14	do. ....	52		do. ....	8 75	9 85	3 95	7 83	407
15	Stamper .....	52		Week .....	10 00	10 00	7 50	9 10	473
16	Wigher .....	48	*4	Piece.....	6 10	9 00	2 50	5 73	275
ESTABLISHMENT D.									
1	Helper .....	50	12	Week .....	6 50	6 50	6 00	6 44	322
2	do. ....	52		do. ....	6 50	6 50	6 50	6 50	338
3	do. ....	52		do. ....	6 25	6 25	6 00	6 23	324
4	do. ....	50	12	do. ....	6 50	6 50	6 25	6 46	322
5	Parer .....	50	12	do. ....	6 50	6 50	6 10	6 46	323
6	Slicer .....	51	11	do. ....	6 50	6 50	6 25	6 49	331
7	do. ....	51	11	do. ....	6 25	6 25	6 00	6 47	330
8	do. ....	49	13	do. ....	6 50	6 50	6 25	6 47	317
9	do. ....	50	*2	do. ....	6 50	6 50	6 50	6 76	338

\* Not given; † sickness; ‡ vacation; § no work; || at home.

#### BINDING TWINE.

One establishment is represented. Reports were secured from 170 women and girls, 17.8 per cent of all employés. The conditions existing in this concern are more pleasant and favorable than is usually the case where a large number of workers are employed. No allowance is made for lost time, except in some of the occupations, for injury. Resting time is allowed those whose occupation does not permit them to sit while at work. Machines are used and some are operated by women. Good care and attention is given cuts from hemp or slivers, a nurse calls at noon to inspect and treat such cases. Facilities for protection against fire are provided; the employés are thoroughly drilled for such emergency; some are assigned to operate the fire apparatus. Sanitary conditions are very good and attention is given to the welfare of the employés in the way of recreation and health.



Table 32—Continued.

Dancing is permitted for a few minutes during lunch hour, in a space provided for the purpose; both sexes participate in this exercise every noon time except Thursday. The results of this indulgence are favorable to both the employes and employers alike. To the first, because of the break in the monotony of labor; and to the second, by enabling them to hold the services and allegiance of their employes.

BINDING TWINE, CANVAS, ETC.—*One Establishment—Possible Working Time 52 Weeks. Working Hours 10, from 7:00 a. m. to 5:30 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Paid Semi-Monthly. Building Five Stories. Stairways and Elevator.*

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year
						Highest.	Lowest.		
1	Baller.....	49	13	Piece...	\$ 9 45	\$11 30	\$ 4 30	\$ 7 96	\$390
2	do.....	49	13	do.....	10 25	10 25	4 90	8 14	399
3	do.....	47	13	do.....	8 50	8 20	5 45	6 77	318
4	do.....	49	13	do.....	9 45	10 45	8 25	8 31	407
5	do.....	49	13	do.....	10 20	10 20	5 05	7 78	381
6	do.....	49	13	do.....	10 35	10 35	7 60	7 71	378
7	do.....	50	12	do.....	9 30	10 20	5 40	8 00	400
8	do.....	49	13	do.....	9 80	11 45	4 85	8 33	408
9	do.....	49	13	do.....	9 35	15 15	4 80	7 96	390
10	do.....	50	12	do.....	9 45	10 60	4 90	8 15	409
11	do.....	49	13	do.....	11 25	11 25	8 15	8 29	406
12	do.....	50	12	do.....	10 40	10 75	8 20	8 34	417
13	do.....	47	13	do.....	9 75	11 60	4 35	8 38	394
14	do.....	49	13	do.....	8 15	8 15	3 25	7 37	361
15	do.....	47	13	do.....	7 75	7 75	3 20	6 15	289
16	do.....	47	13	do.....	8 40	8 80	2 05	6 38	300
17	do.....	48	13	do.....	7 50	8 55	3 85	6 73	322
18	do.....	49	13	do.....	9 45	9 90	3 50	7 45	365
19	do.....	49	13	do.....	8 80	9 05	4 30	7 12	349
20	do.....	49	13	do.....	8 15	8 15	4 05	6 45	316
21	do.....	46	13	do.....	7 50	7 50	3 00	6 13	282
22	do.....	48	13	do.....	9 00	9 20	4 25	7 35	353
23	do.....	49	13	do.....	8 95	9 65	3 90	7 37	361
24	do.....	48	13	do.....	7 70	7 70	3 40	5 73	275
25	do.....	49	13	do.....	7 75	7 75	3 25	5 69	279
26	do.....	49	13	do.....	8 25	8 25	3 85	6 96	336
27	do.....	50	12	do.....	9 35	9 70	4 45	7 56	378
28	do.....	49	13	do.....	7 80	8 10	3 70	6 53	320
29	do.....	49	13	do.....	8 30	8 50	3 75	7 02	344
30	do.....	49	13	do.....	9 05	9 05	3 75	7 27	356
31	do.....	49	13	do.....	8 20	8 20	4 30	6 47	317
32	Coremaker.....	52	.....	do.....	15 50	16 75	9 50	11 67	607
33	do.....	52	.....	do.....	15 15	15 15	7 35	11 31	598
34	do.....	52	.....	do.....	16 70	16 70	6 35	8 06	420
35	do.....	52	.....	do.....	17 60	18 30	10 20	13 48	701

Table 32—Continued.

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
36	Coremaker.....	50		\$2 Piece..	\$16 35	\$16 25	\$7 40	\$11 54	\$577	
37	..do.....	52		..do..	11 90	11 90	3 10	9 15	476	
38	..do.....	43	13	..do..	12 50	12 65	5 05	6 96	296	
39	..do.....	51	11	..do..	15 00	15 05	5 55	8 49	438	
40	..do.....	52		..do..	12 25	13 60	7 00	10 27	534	
41	..do.....	49	13	..do..	10 55	14 60	8 58	9 92	496	
42	..do.....	52		..do..	10 05	12 45	7 50	9 33	495	
43	..do.....	50	12	..do..	8 45	8 90	6 15	7 06	354	
44	..do.....	52		..do..	10 25	12 90	6 50	8 58	446	
45	..do.....	47	15	..do..	14 30	14 50	5 12	7 62	358	
46	..do.....	36	16	..do..	7 85	12 35	6 25	6 44	232	
47	..do.....	52		..do..	15 05	15 05	7 15	9 00	468	
48	..do.....	52		..do..	13 90	13 40	7 10	9 85	512	
49	..do.....	52		..do..	11 90	12 00	6 60	7 97	409	
50	..do.....	52		..do..	9 05	14 45	5 50	8 98	462	
51	..do.....	52		..do..	7 40	13 10	6 35	8 27	430	
52	..do.....	47	15	..do..	13 55	14 55	6 35	8 45	397	
53	..do.....	52		..do..	10 00	12 25	7 15	8 75	455	
54	..do.....	52		..do..	6 05	8 90	4 50	6 12	318	
55	..do.....	45	17	..do..	10 70	15 30	8 25	9 36	421	
56	..do.....	52		..do..	10 90	12 65	8 45	9 96	467	
57	..do.....	52		..do..	10 00	12 90	5 80	8 35	434	
58	..do.....	51	11	..do..	8 05	8 15	4 85	5 90	296	
59	..do.....	38	14	..do..	11 15	15 25	4 25	8 53	324	
60	..do.....	51	11	..do..	14 70	14 90	6 45	9 65	492	
61	..do.....	42	110	..do..	12 40	15 10	6 95	7 57	318	
62	..do.....	44	13	..do..	13 90	14 10	6 00	11 18	492	
63	Coverer.....	50	12	..do..	5 90	8 05	5 55	6 24	312	
64	Counter.....	52		..do..	9 00	9 75	6 50	7 46	388	
65	Finisher.....	50	12	..do..	9 55	11 05	5 05	8 50	425	
66	..do.....	50	12	Hour..	7 20	8 20	5 25	6 58	329	
67	..do.....	50	12	Piece..	8 05	10 00	5 75	7 58	379	
68	..do.....	50	12	..do..	6 75	10 00	5 40	7 24	362	
69	..do.....	42	10	..do..	7 85	9 20	4 85	6 29	264	
70	..do.....	50	12	Hour..	7 45	11 05	5 50	8 02	401	
71	..do.....	48	12	4 Piece..	6 20	11 05	5 60	7 40	355	
72	..do.....	50	12	..do..	9 45	13 35	5 50	8 90	440	
73	Machine operator .....	50	12	..do..	8 30	11 00	6 70	8 02	401	
74	Marker.....	48	12	4 Hour..	5 45	7 85	4 90	5 75	276	
75	Piler.....	48	11	4 ..do..	8 00	8 00	6 00	6 10	293	
76	Preparer.....	48	11	4 Piece..	8 00	8 15	5 00	6 58	316	
77	..do.....	49	13	..do..	7 90	7 90	5 00	6 51	319	
78	..do.....	49	13	..do..	8 70	8 90	6 40	7 14	350	
79	..do.....	49	13	..do..	8 50	8 60	5 65	6 73	330	
80	..do.....	49	13	..do..	8 00	9 65	5 65	6 73	330	

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed.
						Highest.	Lowest.		
81	Preparer.....	48	$\begin{Bmatrix} 12 \\ 11 \\ 11 \end{Bmatrix}$	4..do...	\$8 00	\$8 05	\$5 00	\$6 46	\$310
82	..do.....	48	$\begin{Bmatrix} 12 \\ 11 \\ 11 \end{Bmatrix}$	4..do...	8 70	11 10	5 95	7 35	353
83	..do.....	49	$\begin{Bmatrix} 12 \\ 11 \\ 11 \end{Bmatrix}$	4..do...	8 70	8 75	5 45	6 76	341
84	..do.....	48	$\begin{Bmatrix} 12 \\ 11 \\ 11 \end{Bmatrix}$	4..do...	8 75	9 05	5 65	6 71	322
85	..do.....	48	$\begin{Bmatrix} 12 \\ 11 \\ 11 \end{Bmatrix}$	4..do...	8 80	9 35	6 15	7 38	354
86	..do.....	49	$\begin{Bmatrix} 12 \\ 01 \end{Bmatrix}$	3..do...	9 00	9 00	5 45	7 49	367
87	..do.....	49	$\begin{Bmatrix} 12 \\ 01 \end{Bmatrix}$	3..do...	7 85	8 45	5 25	6 65	326
88	..do.....	49	$\begin{Bmatrix} 12 \\ 01 \end{Bmatrix}$	3..do...	8 70	8 70	5 45	7 10	348
89	..do.....	49	$\begin{Bmatrix} 12 \\ 01 \end{Bmatrix}$	3..do...	7 15	8 25	4 35	6 22	305
90	..do.....	49	$\begin{Bmatrix} 12 \\ 01 \end{Bmatrix}$	3..do...	7 00	8 45	4 20	6 37	312
91	..do.....	49	$\begin{Bmatrix} 12 \\ 01 \end{Bmatrix}$	3..do...	7 50	8 00	4 50	6 55	321
92	..do.....	49	$\begin{Bmatrix} 12 \\ 01 \end{Bmatrix}$	3..do...	7 50	8 35	4 90	6 88	337
93	..do.....	49	$\begin{Bmatrix} 12 \\ 01 \end{Bmatrix}$	3..do...	7 85	8 25	5 15	6 47	317
94	..do.....	47	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	5..do...	7 00	7 60	4 90	6 38	300
95	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	6 40	8 05	5 15	6 37	312
96	..do.....	50	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	7 85	8 25	4 70	7 10	355
97	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	7 10	8 15	4 90	6 49	318
98	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	7 95	9 15	4 65	6 55	321
99	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	8 20	8 20	3 60	6 49	318
100	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	8 25	8 40	4 20	6 49	318
101	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	8 70	8 70	4 90	7 00	343
102	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	8 95	8 95	4 90	6 55	321
103	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	9 50	9 50	4 90	7 18	352
104	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	8 15	8 35	4 65	6 61	324
105	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	7 85	8 25	4 70	6 84	335
106	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	7 00	7 75	4 70	6 18	303
107	Riveter.....	50	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	9 40	10 50	5 65	7 98	399
108	..do.....	50	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	8 20	10 60	4 65	7 50	375
109	..do.....	50	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	8 65	9 75	5 50	6 84	342
110	..do.....	48	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	10 95	10 95	5 65	7 80	365
111	..do.....	50	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	7 90	9 70	7 25	7 50	375
112	..do.....	50	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	8 65	9 80	4 70	6 94	347
113	Sacker.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	3..do...	5 15	7 00	5 15	5 43	266
114	Scaler.....	52	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	7 00	7 50	6 00	6 75	351
115	Sewer.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Piece	9 20	9 80	3 65	7 49	367
116	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	8 85	8 90	6 15	7 06	346
117	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	8 80	8 90	6 15	6 96	341
118	Spinner.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Piece	8 00	8 30	5 65	6 78	332
119	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	8 65	9 10	4 45	7 16	351
120	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	7 85	9 05	6 80	7 06	346
121	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	8 45	9 40	4 70	7 33	359
122	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	9 00	10 40	8 15	8 37	410
123	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	9 10	10 45	6 15	7 55	370
124	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	8 65	9 50	4 95	7 65	375
125	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	9 25	9 25	6 85	7 59	372
126	..do.....	49	$\begin{Bmatrix} 12 \\ 12 \end{Bmatrix}$	Hour	8 40	10 05	6 85	7 67	376
127	..do.....	48	$\begin{Bmatrix} 12 \\ 11 \end{Bmatrix}$	Hour	9 10	9 20	5 45	7 00	336
128	..do.....	49	$\begin{Bmatrix} 12 \\ 11 \end{Bmatrix}$	Hour	8 80	9 25	5 35	7 53	369
129	..do.....	49	$\begin{Bmatrix} 12 \\ 11 \end{Bmatrix}$	Hour	9 80	11 15	8 70	9 04	443
130	..do.....	49	$\begin{Bmatrix} 12 \\ 11 \end{Bmatrix}$	Hour	9 35	9 95	5 15	7 76	380

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
131	Spinner.....	49	18	do...	\$ 8 60	\$ 9 20	\$5 80	\$7 06	\$346
132	do.....	49	18	do...	8 90	9 05	5 50	6 53	320
133	do.....	46	18 } 6	do...	11 30	11 75	4 55	8 17	376
134	do.....	49	18	do...	10 00	10 80	6 05	8 08	396
135	do.....	49	18	do...	8 75	9 20	7 20	7 41	363
136	do.....	48	18 } 4	do...	8 50	12 40	5 00	6 90	331
137	do.....	49	18	do...	9 35	9 40	3 85	7 14	350
138	do.....	49	18	do...	9 45	10 05	6 75	7 39	362
139	do.....	49	18	do...	8 90	9 05	4 20	6 96	336
140	do.....	49	18	do...	6 90	7 25	3 80	5 71	290
141	do.....	49	18	do...	8 90	9 25	4 60	7 33	359
142	do.....	49	18	do...	8 45	8 60	3 95	6 76	331
143	do.....	43	18 } 9	do...	8 45	8 45	4 40	6 65	296
144	do.....	48	18 } 4	do...	7 35	9 00	4 20	6 65	319
145	do.....	49	18	do...	8 75	8 80	3 95	7 10	348
146	do.....	49	18	do...	8 60	8 65	4 10	6 92	339
147	do.....	49	18	do...	8 60	9 00	4 05	7 10	348
148	do.....	49	18	do...	8 35	8 45	4 00	6 88	337
149	do.....	48	14	do...	8 60	8 60	4 45	6 54	314
150	do.....	49	18	do...	8 70	8 80	4 70	7 02	344
151	do.....	49	18	do...	8 40	8 65	4 70	7 00	343
152	do.....	49	18	do...	8 90	8 85	4 65	7 00	343
153	do.....	49	18	do...	8 70	8 90	5 55	7 00	343
154	do.....	49	18	do...	7 25	9 10	4 95	6 78	332
155	do.....	49	18	do...	8 60	9 00	5 35	7 00	343
156	do.....	49	18	do...	8 40	8 85	5 40	7 00	343
157	do.....	49	18	do...	9 65	9 60	4 75	7 04	345
158	do.....	48	14	do...	8 50	8 00	4 25	6 96	335
159	do.....	49	18	do...	8 15	8 15	4 60	6 69	328
160	do.....	49	18	do...	8 65	8 70	5 20	7 10	348
161	do.....	49	18	do...	8 65	8 80	4 80	7 00	343
162	do.....	49	18	do...	9 00	9 00	4 70	7 22	354
163	do.....	49	18	do...	8 60	8 60	5 00	6 69	328
164	do.....	49	18	do...	8 65	8 65	4 50	6 94	340
165	do.....	49	18	do...	6 85	6 85	4 35	5 65	277
166	do.....	49	18	do...	8 00	8 10	5 65	6 53	320
167	do.....	49	18	do...	8 00	8 30	4 65	6 67	327
168	Stacker.....	52	Hour	do...	7 00	7 50	6 00	6 27	326
169	Tacker.....	50	12	Piece..	8 35	9 40	4 80	6 22	311
170	do.....	50	12	do...	8 35	9 40	4 80	6 22	311

\* Not given, † plant closed, ‡ vacation, § no work, || began work, ¶ accident, ° sickness.

Table 32—Continued.

## BLANK BOOKS.

One establishment was canvassed. The average number of women employed during the year was nineteen. The work is light and pleasant. This plant has good management. There is plenty of light and abundance of air space. No resting time is allowed, but a place is provided in case of accident. Work can be done sitting, and seats are provided. No allowance is made for lost time. No fines are imposed.

BLANK BOOKS—*One Establishment—Possible Working Time 52 Weeks. Working Hours from 7:30 a. m. to 5:55 p. m. Forty-five Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building One Story.*

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Paste carbon .....	52	.....	Hour .....	4 50	4 90	3 30	4 00	208
2	Press operator .....	52	.....	..do. ....	2 60	6 95	3 65	4 85	252
3	..do. ....	52	.....	..do. ....	4 95	6 90	3 50	4 46	232
4	Stitcher .....	52	.....	..do. ....	5 00	7 25	3 60	4 77	248

## BONNETS.

The work in this industry is principally operating sewing machines. The building is brick and is owned by the company. They occupy the second floor, which is well lighted and ventilated. The sanitary arrangements are good. There are two fire escapes. The motive power is supplied by steam cable transmission from near by planing mill. Resting is allowed during the noon hour, and in case of sickness, the office is used as a place of rest; work can be done sitting and seats are provided.

Table 32—Continued.

BONNETS—One Establishment—Possible Working Time 52 Weeks. Working Hours from 7:00 a. m. to 6:00. p. m. One Hour Allowed for Middy Lunch. Wages Paid Weekly. Building Two Stories. Stairway.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Bonnet maker .....	52	.....	Piece .....	\$7 30	\$14 75	\$5 25	\$10 00	\$520
2	..do. ....	52	.....	..do. ....	9 40	11 00	5 00	7 98	415
3	..do. ....	52	.....	..do. ....	3 00	3 65	2 35	2 88	150
4	..do. ....	52	.....	..do. ....	3 00	3 25	1 75	2 50	130
5	..do. ....	52	.....	..do. ....	4 78	7 00	3 00	5 10	265
6	..do. ....	52	.....	..do. ....	9 40	13 00	5 00	9 04	470
7	Flutter .....	52	.....	..do. ....	6 85	9 00	5 00	7 12	370
8	Folder .....	52	.....	Hour .....	5 00	5 00	4 50	4 71	245
9	Gatherer .....	52	.....	Piece .....	6 50	8 50	4 50	6 54	340
10	Hemmer .....	52	.....	..do. ....	5 00	6 50	3 50	5 10	265
11	..do. ....	52	.....	..do. ....	6 65	8 25	5 00	6 73	350
12	..do. ....	52	.....	..do. ....	5 15	7 15	2 85	5 00	260
13	..do. ....	52	.....	..do. ....	4 50	5 00	4 00	4 42	230
14	..do. ....	52	.....	..do. ....	4 60	7 00	4 00	5 58	290
15	Hose supporter maker .....	52	.....	..do. ....	5 49	8 50	3 50	5 96	310
16	..do. ....	51	*1	..do. ....	8 50	11 00	6 00	10 39	530
17	Ruffier .....	52	.....	..do. ....	8 00	12 50	5 00	8 46	440
18	..do. ....	44	*8	..do. ....	5 86	10 50	6 50	8 64	390
19	Twiller .....	52	.....	..do. ....	4 25	6 25	2 25	4 23	220

\* Not given.

### BOOTS AND SHOES.

There are comparatively few concerns combining the manufacture of boots and shoes, though the shoe industry is one of the most important in this country. In the three establishments canvassed an average of 242 workers were employed during the year, of whom 78 were females. The work is generally done by the piece, as the best and most skillful workers can make more in that way; part of the work can be done sitting and seats are generally provided. No allowance is made for time lost unless caused by injury, but no fines are imposed. Slackness of work is the cause of considerable lost time; none reported working continuously during the year. All establishments but one have a place for rest in case of sickness. Machines are used, provided with safeguards and are operated by men.

Table 32—Continued.

BOOTS AND SHOES—Three Establishments—Possible Working Time 52 Weeks. Working Hours of Establishments A and B 9 1-2, from 7:30 a. m. to 5:30 p. m. Establishment C Working Hours, 10, from 7:00 a. m. to 5:30 p. m. Thirty Minutes Allowed for Midday Lunch in All Establishments. Building A Four Stories, B Three Stories, C Six Stories. All have Elevators and Stairways Except B, which has Stairways Only. Wages Paid Weekly in All Establishments.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
ESTABLISHMENT A.										
1	Finisher .....	48	†4	Piece.....	\$ 6 85	\$ 9 81	\$2 81	\$ 6 29	6302	
2	do. ....	35	*17	do. ....	7 22	10 50	4 88	7 26	254	
3	Folder .....	48	†4	do. ....	7 95	10 25	1 20	6 71	322	
4	do. ....	48	†4	do. ....	4 95	10 66	1 40	8 19	393	
5	Lining maker. ....	48	†4	do. ....	8 98	17 64	2 59	14 08	676	
6	Lining seamer. ....	48	†4	do. ....	5 30	12 73	6 22	9 46	454	
7	Machine operator. ....	35	†1	Week.....	8 99	11 50	6 56	10 40	364	
8	do. ....	48	†4	Hour.....	10 00	11 15	5 19	9 13	438	
9	do. ....	48	†4	Piece.....	9 04	12 42	1 73	9 71	466	
10	do. ....	47	†5	do. ....	11 41	13 79	4 16	9 68	455	
11	do. ....	48	†4	do. ....	8 42	12 88	4 50	10 71	514	
12	do. ....	48	†1	do. ....	7 92	12 21	3 43	9 83	472	
13	do. ....	48	†4	Week.....	10 96	13 38	6 23	11 23	539	
14	Over caster .....	46	†4 } 6	do. ....	5 18	7 34	2 63	5 59	257	
15	Over seamer .....	49	†4	Piece.....	7 27	12 58	1 04	8 90	427	
16	do. ....	22	†4	do. ....	8 61	11 39	3 29	7 86	173	
17	Puncher .....	16	†4	do. ....	6 00	6 00	3 29	5 31	86	
18	Sample work .....	48	†4	Day.....	5 00	5 29	3 36	3 98	191	
19	Skiver .....	20	†1	Week.....	6 50	8 00	4 04	6 55	131	
20	do. ....	49	†13	do. ....	9 00	9 24	7 50	7 53	369	
21	Stitcher .....	43	†4 } 9	Piece.....	6 46	14 15	6 46	10 28	442	
22	do. ....	42	†4 } 10	do. ....	9 71	10 90	5 48	9 07	381	
23	do. ....	47	†4 } 5	do. ....	7 59	12 19	6 04	8 77	412	
24	do. ....	48	†4	do. ....		15 87	8 32	14 13	678	
25	do. ....	48	†4	do. ....	14 65	16 21	7 61	8 48	407	
26	Vamper .....	40	†4 } 12	do. ....		18 65	9 08	14 38	575	
27	do. ....	48	†4	do. ....		15 53	6 22	11 08	532	
28	do. ....	48	†4	do. ....	9 81	11 91	5 31	11 13	534	
ESTABLISHMENT B.										
1	Machine operator. ....	15	†4	Week.....	9 50	9 50	7 65	8 98	134	
2	Skiver .....	15	†4	Hour.....	6 00	6 00	4 95	5 93	89	
3	Table worker .....	15	†4	Week.....	3 00	3 00	1 90	2 67	40	
4	do. ....	15	†4	Hour.....	4 00	4 00	3 33	3 67	55	

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT C.									
1	Finisher .....	40	13	Piece....	\$ 8 40	\$ 8 40	\$6 21	\$ 7 00	\$280
2	Folder .....	33	†10	do. ....	23 00	13 00	3 32	12 06	398
3	Leather worker .....	28	†15	Hour ....	12 00	12 00	6 44	9 11	255
4	Lining maker .....	11	§	Piece....	8 01	9 27	2 19	7 00	770
5	Machine operator .....	17	13	do. ....	10 20	10 20	5 65	7 94	135
6	Packer .....	41	12	Hour ....	4 50	4 50	1 59	3 37	138
7	do. ....	43	*9	do. ....	7 00	10 37	3 71	6 49	279
8	Table worker .....	12	§	do. ....	6 00	6 00	3 33	4 75	57
9	do. ....	40	13	do. ....	7 94	8 05	2 38	6 43	257
10	do. ....	33	†10	do. ....	6 00	6 00	3 29	4 76	157

\* Not given, † No work, ‡ Vacation, § Began work.

## BROOMS.

This establishment was found to be the only one employing women.

The work is light and simple, consisting of sorting and bunching broom corn; it is dusty work but is not considered injurious to health and the shop is clean. Complaint is made of the competition of goods made in Bridewell prison. Work can be done sitting and seats are provided; no allowance is made for lost time but a place for rest in case of sickness is provided; the sanitary conditions are good and the dimensions of the work room are ample; overtime is not required and no fines are imposed.

*BROOMS—One Establishment—Possible Working Time 52 Weeks—Working Hours 9, from 7:30 a. m. to 5:00 p. m. Thirty Minutes Allowed for Mid-day Lunch. Wages Paid Weekly. Building Two Stories. Stairway and Elevator.*

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year
						Highest.	Lowest.		
1	Sorter. ....	51	*1	Week ...	\$6 00	\$6 00	\$5 00	\$6 02	\$307
2	do. ....	50	*2	do. ....	6 00	6 00	3 00	6 06	303
3	do. ....	51	*1	do. ....	6 00	6 00	5 00	6 08	305
4	do. ....	51	*1	do. ....	6 00	6 00	5 25	6 00	306

\* Vacation.



Table 32—Continued.

## CHAIRS AND BABY CARRIAGES.

This establishment employs during the year an average of 70 women and girls. At this time 21 were employed. The work consists in weaving reeds for chairs and making baby carriages; also sewing and forming parasols, trimming and upholstering in leather or cloth. In the reed weaving department nearly all were Bohemians and hardly any of them could speak English; some had been here for many years. Women are not employed to do rattan work as it is too hard for them. The plant is large, clean and airy. Workers take their time about work, sit in rocking chairs and rest when they wish. No allowance is made for lost time, but no fines are imposed; in case of sickness a place for rest is provided.

CHAIRS AND BABY CARRIAGES—One Establishment—Possible Working Time 52 Weeks—Working Hours 10 1-6, from 7:00 a. m. to 6:00 p. m. Fifty Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building Three Stories. Elevator and Stairway.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Machine operator .....	52		Piece.....	\$ 7 50	\$ 9 95	\$5 05	\$ 7 65	\$398
2	..do. ....	50	*2	..do. ....	7 50	10 20	5 35	7 15	359
3	Seamstress, hand .....	52		..do. ....	7 50	9 10	5 10	8 32	464
4	..do. ....	52		..do. ....	7 50	11 15	5 40	7 42	396
5	Upholsterer .....	52		..do. ....	5 80	7 60	5 00	5 96	310
6	..do. ....	52		..do. ....	7 00	11 25	4 65	6 56	341
7	..do. ....	52		..do. ....	10 50	13 45	6 90	11 45	597
8	Weaver .....	51	*1	..do. ....	8 00	9 50	5 60	6 31	322
9	..do. ....	52		..do. ....	4 75	6 60	3 60	4 98	259
10	..do. ....	52		..do. ....	5 75	9 90	5 20	6 13	319
11	..do. ....	50	*2	..do. ....	8 15	12 10	5 85	8 28	414
12	..do. ....	52		..do. ....	13 50	13 50	8 10	10 46	544
13	..do. ....	51	*1	..do. ....	7 30	10 80	6 90	9 78	499
14	Wrapper .....	52		..do. ....	3 50	8 50	3 50	5 31	276
15	..do. ....	52		..do. ....	4 10	8 25	3 40	5 53	303

\* Vacation.

## CHEWING GUM.

Women and girls are generally employed here as the work is mostly light and pleasant. The mixing of the product is done in large kettles by men; women and girls knead the mixture thoroughly, place it on marble tables and roll it out to an even thickness; then cutting it into the usual pieces, wrapping in bunches and packing in paper boxes,

Table 32—Continued.

which when labeled are ready for market. The demand for this product fluctuates which causes the workers to be irregularly employed. More cleanliness might be observed in the establishments visited. The work can be done sitting and seats are provided; no allowance is made for time lost, but no fines are imposed. Resting place provided in case of sickness. The sanitary conditions are good and the air space is sufficient.

**CHEWING GUM—Two Establishments—Possible Working Time 52 Weeks—Working Hours, Establishment A, 8, from 8:00 a. m. to 5:00 p. m. One Hour Allowed for Midday Lunch. Building Two Stories. Elevator and Stairway to Second Story. B, Working Hours 10, from 7:00 a. m. to 5:30 p. m. Thirty Minutes for Mid-day Lunch. Building Five Stories. Elevator and Stairway. Wages Paid Weekly in Both Establishments.**

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A.									
1	Labeler .....	52		Week	\$ 8 00	\$ 8 00	\$5 35	\$8 06	\$417
2	do. ....	52		do.	5 00	6 00	3 00	5 35	278
3	Machine operator .....	50	*2	do.	6 00	6 00	3 35	5 98	299
4	do. ....	52		do.	6 00	6 00	3 35	5 94	305
5	do. ....	52		do.	7 50	7 50	4 00	6 90	359
6	Wrapper .....	52		Piece	4 80	7 20	2 50	5 42	282
7	do. ....	50	*2	do.	7 50	7 75	2 00	5 96	296
8	do. ....	52		do.	6 15	10 05	3 20	6 44	335
9	do. ....	52		do.	5 65	9 20	2 30	5 81	302
10	do. ....	52		do.	6 90	9 00	3 30	6 33	329
11	do. ....	51	*1	do.	3 10	6 85	4 10	3 86	197
12	do. ....	52		do.	4 75	9 25	2 30	7 31	390
13	do. ....	52		do.	6 10	8 50	2 85	6 37	331
14	do. ....	49	*3	do.	8 75	8 75	2 40	7 10	348
15	do. ....	49	13	do.	8 45	10 00	2 55	6 27	307
16	do. ....	50	*2	do.	8 15	10 05	2 55	5 76	288
17	do. ....	52		do.	8 65	9 10	3 10	6 21	323
18	do. ....	51	*1	do.	9 45	11 15	3 70	7 02	358
19	do. ....	52		do.	10 15	13 75	2 70	7 08	368
20	do. ....	51	*1	do.	8 85	10 30	3 65	6 45	329
21	do. ....	52		do.	9 30	11 30	3 30	6 85	356
22	do. ....	50	12	do.	5 30	6 40	2 75	4 28	214
23	do. ....	52		do.	4 90	8 15	1 60	4 73	246
24	do. ....	50	*2	do.	8 00	9 55	2 35	5 90	295
25	do. ....	52		do.	5 70	6 70	1 60	4 90	255
26	do. ....	52		do.	8 50	12 50	5 40	7 23	376

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT B.									
1	Bander.....	51	*1	Week	\$ 8 00	\$ 8 00	\$ 5 25	\$7 08	\$361
2	Machine operator .....	51	*1	do.	8 00	9 00	5 35	7 31	373
3	do. ....	51	*1	do.	8 00	9 00	5 35	7 31	373
4	do. ....	51	*1	do.	8 00	8 00	5 35	7 35	375
5	do. ....	47	*5	do.	7 00	7 00	2 25	6 30	296
6	do. ....	50	*2	do.	7 00	8 00	4 60	7 26	363
7	do. ....	50	*2	do.	6 50	7 35	3 50	6 08	304
8	Machine tester .....	39	†13	do.	8 00	9 00	5 90	7 49	292
9	Trimmer .....	50	*2	do.	5 85	7 00	5 80	6 94	347
10	Wrapper .....	48	‡14	Piece	9 75	10 75	2 95	6 42	306
11	do. ....	48	‡14	do.	6 65	9 00	2 25	7 75	372
12	do. ....	47	‡15	do.	8 55	9 10	3 70	6 57	309
13	do. ....	49	‡13	do.	10 40	11 35	3 20	6 43	315
14	do. ....	47	‡15	do.	9 15	10 10	3 00	6 32	297
15	do. ....	48	‡14	do.	8 00	10 20	3 75	7 13	342
16	do. ....	47	‡15	do.	7 60	9 50	3 20	6 81	320
17	do. ....	49	‡13	do.	7 65	10 05	2 45	6 71	329
18	do. ....	47	‡15	do.	9 65	9 50	2 45	6 38	300
19	do. ....	46	‡16	do.	7 15	9 75	3 10	6 72	309
20	do. ....	48	‡14	do.	7 15	8 50	2 80	5 67	272
21	do. ....	48	‡14	do.	9 65	9 95	3 05	5 63	270

\* Vacation. † No work. ‡ Moving plant.

## CIGARS.

In this industry women and girls are employed for many reasons; chiefly because of their greater neatness; they receive the same pay as men as a general rule. Six establishments are represented. In most cigar factories, women's work is only stripping tobacco. One union shop employ women rolling cigars, and they are considered equal to men on cheap cigars. Another shop (non-union) employ many women for rolling cigars, and report their work fully as good as men on the best cigars. Women make the choicest samples as their fine touch makes their work preferred. One of the plants affords exceptional advantages to workers in the way of a restaurant and dressing rooms; the manager here is observant at all times to find points which can be useful to the workers, and is willing to accommodate in such matters as improve his plant. The statement was made that it is quite difficult to get women to work in this trade, although paying them while learning for work which is useless to the company. The opinion is expressed that greater cleanliness is found among non-union shops where women are working. Resting is not permitted during working hours, except in case of illness; for this purpose a place is provided in all establishments but one. No allowance is made

Table 32—Continued.

for lost time; only one concern requires overtime but allows part wages during vacation; no fines are imposed; work can be done sitting and seats are provided. There is ample air space in all establishments but one. Here the average space is far less than required for a healthy condition.

**CIGARS—Six Establishments—Possible Working Time 52 Weeks.** Working Hours, Establishment A, 9, from 7:30 a. m. to 5:00 p. m. Thirty Minutes Allowed for Midday Lunch. Building Five Stories. B, Working Hours 9, from 7:30 a. m. to 5:30 p. m. One Hour Allowed for Midday Lunch. Building Two Stories. C, Working Hours 8, from 8:00 a. m. to 5:00 p. m. One Hour Allowed for Midday Lunch. Building One Story. D, Working Hours 9 1-2, from 7:30 a. m. to 5:30 p. m. Thirty Minutes Allowed for Midday Lunch. Building Four Stories. E, Working Hours, 8 1-4, from 8:00 a. m. to 5:00 p. m. Forty-five minutes Allowed for Midday Lunch. Building One Story. F, Working Hours 8, from 8:00 a. m. to 5:00 p. m. One Hour Allowed for Midday Lunch. Building Two Stories. All Buildings have Elevators and Stairways, Except those Occupied by C and E. All Establishments Pay Wages Weekly.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
ESTABLISHMENT A.										
1	Bander.....	52	.....	Week	\$ 7 60	\$ 8 75	\$ 5 00	\$ 6 85	\$ 356	
2	..do.....	52	.....	..do.	23 15	24 50	12 00	20 88	1,086	
3	..do.....	50	.....	*2	6 25	8 15	3 00	6 00	300	
4	..do.....	47	.....	*5	6 25	7 00	4 65	6 21	292	
5	..do.....	51	.....	*1	5 85	7 60	3 00	5 67	289	
6	..do.....	51	.....	*1	6 00	6 40	2 50	4 55	232	
7	..do.....	51	.....	*1	5 00	6 40	2 75	4 37	223	
8	..do.....	51	.....	*1	6 00	7 00	3 75	4 84	247	
9	Bunchmaker.....	49	.....	*3 Piece	12 40	19 00	9 20	12 24	600	
10	Packer.....	51	.....	*1 Week	15 65	17 30	8 85	14 43	736	
11	Roller.....	48	.....	*4 Piece	14 50	18 30	7 70	13 15	631	
12	..do.....	51	.....	*1	14 40	16 50	8 70	13 45	686	
13	..do.....	51	.....	*1	13 15	16 65	9 60	13 12	669	
14	..do.....	48	.....	*4	16 30	18 20	9 10	15 19	729	
15	..do.....	48	.....	*4	12 70	18 60	12 40	15 77	757	
16	..do.....	47	.....	*5	13 15	17 50	9 40	14 43	678	
17	..do.....	34	.....	*18	16 30	17 50	7 80	13 52	470	
18	..do.....	51	.....	*1	17 40	17 85	10 00	15 73	802	
19	..do.....	50	.....	*2	15 25	17 75	8 70	14 24	712	
20	..do.....	44	.....	*8	14 50	15 75	7 60	13 66	601	
21	..do.....	50	.....	*2	8 40	12 00	5 70	9 14	457	
22	..do.....	49	.....	*3	5 40	10 20	5 10	7 18	352	
23	..do.....	51	.....	*1	14 35	27 00	13 00	15 98	815	
24	..do.....	49	.....	*3	10 20	13 60	5 85	6 69	328	
25	..do.....	48	.....	*4	6 00	11 70	5 70	8 85	425	

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
26	Roller.....	46	*6	Piece....	\$ 7 45	\$15 30	\$ 6 25	\$ 9 78	\$450
27	..do.....	49	*3	..do.....	4 50	11 90	7 55	9 53	467
28	..do.....	49	*3	..do.....	10 40	14 20	9 35	10 33	506
29	..do.....	48	*4	..do.....	8 10	13 50	6 00	9 52	457
30	Selector.....	51	*1	..do.....	8 00	8 35	5 65	7 63	389
31	..do.....	50	*2	..do.....	8 00	8 15	6 25	6 70	335
32	..do.....	50	*2	..do.....	8 00	9 00	6 40	7 74	387
33	..do.....	51	*1	..do.....	7 50	7 85	4 65	6 63	338
34	..do.....	50	*2	..do.....	7 50	7 85	5 85	6 54	327
35	..do.....	51	*2	..do.....	7 50	7 85	5 25	6 65	339
36	..do.....	51	*1	..do.....	7 50	7 60	5 25	6 63	338
37	..do.....	51	*1	..do.....	7 50	7 85	5 25	6 49	331
38	..do.....	51	*1	..do.....	8 00	8 45	5 00	7 14	364
39	..do.....	51	*1	..do.....	7 50	8 45	5 65	7 20	367
40	..do.....	51	*1	..do.....	8 00	8 45	5 00	7 06	360
ESTABLISHMENT B.									
1	Bunchmaker.....	52		Piece....	13 05	12 75	9 50	12 12	630
2	..do.....	52		..do.....	13 50	14 50	4 65	11 85	616
3	Cigar roller.....	52		..do.....	13 60	13 60	9 60	11 96	622
4	..do.....	47	*5	..do.....	13 60	13 60	6 75	10 13	476
5	..do.....	52		..do.....	13 05	12 75	9 50	12 12	630
6	..do.....	52		..do.....	11 70	12 70	8 40	11 42	594
7	..do.....	43	†9	..do.....	10 20	9 40	7 00	9 02	388
8	..do.....	51	*1	..do.....	9 40	10 80	7 35	8 45	431
9	..do.....	49	*3	..do.....	8 40	9 10	6 60	8 10	397
10	..do.....	41	†11	..do.....	10 93	10 93	10 93	10 93	448
11	..do.....	52		..do.....	9 40	11 40	6 30	10 13	527
12	..do.....	46	*6	..do.....	8 20	11 10	4 40	9 61	442
13	Stripper.....	52		..do.....	7 50	7 50	5 85	7 13	371
14	..do.....	52		..do.....	9 45	10 30	6 70	7 87	409
15	..do.....	52		..do.....	7 00	7 00	5 95	6 42	334
ESTABLISHMENT C.									
1	Roller.....	52		Piece....	17 50	18 00	17 10	17 44	907
2	..do.....	52		..do.....	18 00	18 00	17 50	17 73	922
3	Selector.....	51	*1	Hour.....	11 10	11 50	4 75	7 18	366
4	..do.....	52		..do.....	9 25	13 50	5 70	8 52	443
5	Stamper.....	52		..do.....	7 50	8 60	7 50	7 50	390
6	Stripper.....	52		..do.....	8 75	8 75	5 00	7 58	394
7	..do.....	52		..do.....	6 90	9 70	6 25	7 75	403
8	..do.....	52		..do.....	8 15	9 70	6 25	8 02	417
9	..do.....	52		..do.....	7 50	8 60	6 25	7 60	395
10	..do.....	52		..do.....	6 50	7 70	4 50	6 50	338
11	..do.....	52		..do.....	6 50	7 65	5 00	6 69	348
12	..do.....	52		..do.....	7 00	7 00	5 30	6 13	319
ESTABLISHMENT D.									
1	Bunch breaker.....	50	*2	Piece....	13 50	17 10	6 00	12 06	604
2	Roller.....	52		..do.....	9 00	14 00	6 40	8 79	457
3	..do.....	52		..do.....	14 40	13 60	5 85	9 79	509
4	..do.....	52		..do.....	13 75	18 25	6 05	9 62	500
5	..do.....	50	*2	..do.....	7 60	10 35	3 20	7 52	376
6	Stockkeeper.....	51	*1	Week....	8 00	8 00	7 50	7 98	407
7	Stripper.....	31	†21	..do.....	6 50	6 50	3 70	3 94	122
8	..do.....	52		..do.....	8 00	8 50	8 00	8 33	433

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT E.									
1	Stripper.....	51	*1	Week ...	\$5 00	\$5 00	\$3 35	\$4 45	\$227
2	do.....	45	*3	do.....	8 00	8 00	6 00	7 83	353
3	do.....	52		do.....	7 50	7 50	6 00	7 19	374
4	do.....	52		do.....	7 00	7 00	5 00	5 79	301
ESTABLISHMENT F.									
1	Bander.....	51	11	Week ...	7 00	7 00	7 00	7 00	357
2	Stripper.....	52		do.....	7 23	7 23	7 23	7 23	376
3	do.....	50	12	do.....	7 00	7 70	6 00	6 94	347

\* Vacation, † began work, ‡ sickness.

## CLOTHING.

This establishment employ an average of 62 women and girls, Resting during working hours is not permitted; nor is a place provided for that purpose in case of sickness; work can be done while sitting and seats are provided; machines are used. No allowance is made for lost time but no fines are imposed; overtime is required both day and night when necessary; there appears to be ample air space in the work room. This establishment had not been in operation very long when visited.

*CLOTHING—One Establishment—Possible Working Time 52 Weeks. Working Time 9 3-4, from 7:30 a. m. to 6:00 p. m. Forty-five Minutes Allowed for Mid-day Lunch. Wages Paid Weekly. Building Five Stories. Elevator and Stairway.*

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Buttonhole maker.....	43	*9	Piece....	\$14 94	\$18 99	\$14 40	\$15 67	\$141
2	do.....	38	*16	do.....	9 09	14 49	5 61	10 31	165
3	do.....	34	*18	do.....	12 75	16 65	7 26	11 94	215
4	do.....	38	*16	do.....	10 05	12 90	6 00	10 81	173
5	Canvas baster.....	43	*9	Day.....	4 00	4 00	2 66	3 89	85

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
6	Hand worker	36	16	Hour	\$10 37	\$10 37	\$ 6 16	\$ 9 25	\$148
7	do.	38	14	do.	4 41	5 75	4 02	4 43	62
8	do.	33	*19	Day	7 03	11 30	6 57	8 63	164
9	do.	40	*12	do.	11 38	15 55	11 05	13 92	167
10	do.	40	*12	do.	6 15	7 43	2 39	6 42	77
11	do.	44	*8	do.	7 18	7 18	6 59	7 88	63
12	do.	50	*2	do.	7 12	7 12	6 88	7 00	14
13	do.	52		do.					
14	do.	38	*14	do.	6 15	7 44	2 98	5 93	88
15	do.	47	*5	do.	2 94	3 00	2 72	3 00	15
16	do.	47	*5	do.	4 63	4 90	3 18	3 60	18
17	do.	38	*14	do.	6 94	7 92	4 85	6 86	96
18	do.	33	*19	do.	8 18	10 50	2 69	7 47	142
19	do.	45	*7	do.	6 94	8 52	6 94	7 43	52
20	do.	40	*12	Hour	6 72	8 38	6 31	6 92	83
21	do.	52							
22	Machine operator	36	*16	Day	3 99	5 62	3 36	3 94	63
23	do.	45	*7	do.	15 00	15 40	13 05	14 86	104
24	do.	47	*5	do.	12 18	14 00	8 00	11 40	57
25	do.	46	*6	do.	7 81	10 00	7 81	9 00	54
26	do.	33	*19	do.	7 83	10 41	4 81	7 53	143
27	do.	44	*8	do.	15 82	18 82	15 82	17 50	140
28	do.	36	*16	do.	8 71	13 11	5 80	10 00	160
29	do.	39	*13	do.	6 72	12 73	6 72	10 46	136
30	do.	41	*11	do.	9 31	12 01	5 70	10 36	114
31	do.	51	*1	Hour	13 00	13 00	13 00	13 00	13

\* Not given.

## CONFECTIONERY.

This industry employ a large number of persons, both men and women, especially during the busy season, from September to December. In the six establishments visited the average number employed in all departments during the year was 1,343, men 513 and 830 women and girls. Girls instead of women are largely employed in this industry as they are quicker and more skillful and are more willing to work for the small wages paid in this industry; the work is tedious but light and pleasant as to character. The sanitary conditions of these establishments vary; some are arranged and conducted according to the most modern ideas as to health, cleanliness and comfort of the employes; while others are badly located, poorly lighted and ventilated and have little attention paid to the healthfulness or comfort of the workers, or to cleanliness so important in the manufacture of goods of this kind.

Foreigners are very generally employed and different nationalities are represented. The work done by girls requires no particular skill; it consists in dipping or coating chocolates and other bon bons, wrap-

Table 32—Continued.

ping individual candies in paper, weighing and packing candy in fancy boxes, tying with ribbon or string and packing these boxes into other boxes or barrels ready for shipping. In some concerns a few children are employed on shorter time than the rest; very few workers continue in the business, a large majority being transient.

Resting is only allowed in case of sickness and a place is provided for that purpose; work can be done sitting and seats are provided.

CONFECTIONERY—*Six Establishments—Possible Working Time 52 Weeks. Working Hours, Establishment A, 9 1-2, from 7:30 a. m. to 5:30 p. m. Building Four Stories. Elevator and Stairway. B, Working Hours 9, from 7:30 a. m. to 5:00 p. m. Building Five Stories. Elevator and Stairway. C, Working Hours, 10, from 7:00 a. m. to 5:30 p. m. Building Three Stories. Stairway Only. D, Working Hours 9 1-2, from 8:00 a. m. to 6:00 p. m. Building Three Stories. Stairway Only. E, Working Hours 10, from 7:30 a. m. to 6:00 p. m. Building Five Stories. Elevator and Stairway. F, Working Hours 10, from 7:00 a. m. to 5:30 p. m. Building Three Stories. Stairway Only. All Establishments Allow Thirty Minutes for Mid-day Lunch and Pay Wages Weekly.*

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year
						Highest.	Lowest.		
ESTABLISHMENT A.									
1	Dipper	52		Piece	\$ 45	\$ 9 10	\$3 00	\$6 31	\$328
2	do.	26	*	Hour	3 00	3 00	2 50	3 15	82
3	do.	52		Piece	3 75	4 50	2 25	3 21	167
4	do.	51	†1	do.	5 05	7 00	3 40	4 88	249
5	do.	52		do.	6 25	8 30	4 00	5 46	284
6	do.	52		do.	6 00	9 00	3 05	5 48	285
7	do.	52		do.	6 20	10 45	4 10	6 27	326
8	do.	52		do.	6 70	8 20	2 75	5 50	286
9	do.	52		Hour	5 80	8 00	3 60	5 77	300
10	do.	52		do.	5 35	7 15	2 50	5 31	276
11	Filler	52		Piece	7 55	7 55	2 80	4 02	209
12	Helper	34	*	Hour	4 00	4 00	2 40	3 44	117
13	do.	52		Week	5 05	5 50	2 60	3 77	196
14	Labeler	50	†2	Hour	4 40	4 60	4 10	4 42	221
15	Packer	34		do.	3 00	3 00	2 50	2 53	86
16	do.	52		Piece	4 25	5 85	2 60	3 96	206
17	do.	52		do.	10 65	10 65	6 70	9 54	496
18	do.	48	†4	do.	5 70	5 70	4 60	5 42	260
19	do.	52		do.	5 35	5 35	2 95	4 48	233
20	do.	52		Hour	3 00	3 00	2 50	2 92	152



Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year
						Highest.	Lowest.		
ESTABLISHMENT A—Concluded.									
21	Packer	52		Piece	\$ 6 00	\$ 7 35	\$3 20	\$ 5 67	\$295
22	do.	39	*	do.	3 00	3 00	2 50	3 72	145
23	do.	52		do.	3 75	4 30	1 85	4 06	211
24	do.	52		do.	4 70	6 25	1 55	4 50	234
25	do.	50	12	do.	6 35	7 15	1 50	4 78	239
26	do.	52		do.	5 70	6 10	1 85	4 02	209
27	Scaler	52		Week.	5 00	6 80	3 20	4 52	235
28	do.	52		do.	5 85	6 40	3 20	4 87	253
29	do.	50	12	do.	5 95	5 95	1 50	4 16	208
30	do.	50	12	do.	4 00	5 25	3 00	4 60	230
31	do.	52		do.	4 50	5 00	3 00	3 94	205
32	Package thrower	52		Piece	4 95	7 55	3 20	4 94	257
33	do.	52		do.	3 80	8 10	3 35	5 69	296
34	Wrapper	52		do.	5 60	6 55	2 90	5 19	270
35	do.	52		do.	6 00	6 00	3 00	5 44	253
36	do.	52		do.	6 00	8 00	4 00	6 19	322
37	do.	52		do.	6 10	7 80	3 25	5 60	291
38	do.	52		do.	5 55	7 45	1 50	4 63	241
39	do.	52		do.	5 45	6 90	1 70	4 19	218
40	do.	52		do.	6 25	6 25	2 10	4 10	213
41	do.	51	11	do.	5 60	6 20	2 80	4 86	248
42	do.	52		do.	5 60	6 70	2 50	5 12	266
43	do.	52		do.	5 35	6 70	1 35	4 40	229
44	do.	52		do.	5 55	6 10	1 35	4 04	210
45	do.	52		do.	5 35	6 80	3 00	4 96	258
46	do.	52		do.	6 10	7 00	1 70	5 15	268
47	do.	52		do.	6 10	6 20	2 40	4 58	238
48	do.	52		do.	5 10	6 00	2 30	4 73	246
49	do.	52		do.	7 25	7 25	2 50	4 04	210
ESTABLISHMENT B.									
1	Dipper	50	12	Piece	9 20	14 90	5 40	10 04	502
2	do.	48	14	do.	10 50	14 40	4 60	9 50	456
3	do.	51	11	Week.	11 10	20 25	6 00	10 06	513
4	Packer	32	15	do.	11 64	16 15	7 35	10 31	330
5	do.	52		do.	9 30	12 00	5 35	9 21	479
6	do.	48	14	do.	5 00	8 70	3 50	5 65	271
7	do.	50	12	do.	5 50	8 50	3 25	6 82	341
8	do.	50	12	Piece	7 60	7 75	5 00	5 96	298
9	do.	52		Week.	7 80	9 00	5 00	5 77	300
10	do.	52		do.	7 80	10 50	5 00	6 35	330
11	do.	52		Piece	9 40	12 75	5 00	8 79	457
12	do.	52		do.	9 25	13 00	3 35	6 21	323
13	do.	52		Week.	10 50	11 50	3 35	6 17	321
14	do.	48	14	do.	9 00	9 00	3 50	7 92	380
15	Scaler	48	14	do.	7 80	11 05	3 50	8 15	391
16	Wrapper	\$29		do.	5 50	8 70	3 10	11 34	329
17	do.	52		do.	10 50	10 50	4 50	6 94	361

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT C.									
1	Carrier.....	42	*10	Week.....	\$ 5 00	\$ 7 41	\$1 07	\$5 02	\$211
2	Dipper.....	50	12	Piece.....	11 00	12 98	1 19	7 76	368
3	do.....	14		do.....	9 00	9 84	2 54	7 36	103
4	do.....	5		do.....	10 00	11 66	3 30	9 00	45
5	do.....	11		do.....	8 00	9 96	3 07	7 91	87
6	do.....	6		do.....	9 00	9 21	1 33	6 50	39
7	Filler.....	11		Week.....	4 50	7 58	1 70	4 27	47
8	Packer.....	13		do.....	4 50	5 25	7 75	3 77	49
9	do.....	15		Piece.....	5 50	6 57	1 67	4 53	68
10	do.....	47	*5	do.....	7 00	7 33	92	5 66	266
ESTABLISHMENT D.									
1	Dipper.....	52		Week.....	6 00			5 58	290
2	do.....	52		do.....	7 00			5 67	296
3	do.....	52		do.....				7 56	393
4	do.....	52		do.....	8 00			7 73	402
5	do.....	28	*24	do.....	7 00			7 07	198
6	Packer.....	32	*20	do.....	4 50			4 50	144
7	do.....	28	*24	do.....				4 68	131
8	do.....	52		do.....				7 08	368
9	do.....	38	*14	do.....	4 50			4 47	170
ESTABLISHMENT E.									
1	Dipper.....	52		Hour.....	6 25	6 25	2 33	3 90	203
2	do.....	52		do.....	3 75	5 63	2 00	3 33	173
3	do.....	52		do.....	3 75	5 63	2 00	3 77	196
4	do.....	52		do.....	4 55	7 50	2 75	5 00	260
5	Maker.....	52		do.....	8 50	10 50	4 25	5 88	306
6	Packer.....	52		do.....	3 75	5 65	2 00	3 79	197
7	do.....	40	*12	do.....	3 33	5 00	2 33	3 25	130
8	do.....	52		do.....	5 83	8 75	3 50	6 46	336
9	do.....	16		do.....	6 65	10 00	5 33	8 38	134
ESTABLISHMENT F.									
1	Dipper.....	51	f1	Piece.....	2 50	2 85	1 55	2 20	112
2	do.....	51	f1	do.....	4 00	5 00	3 75	4 51	230
3	do.....	51	f1	do.....	6 00	6 70	4 00	5 49	290
4	do.....	48	f1 } 13 }	do.....	3 00	4 00	2 00	3 13	150
5	do.....	51	f1	do.....	3 00	4 10	3 00	3 78	190
6	do.....	51	f1	do.....	4 27	6 00	3 50	4 90	250
7	do.....	50	f1 } 11 }	2 Week...	5 00	5 00	4 20	4 80	240
8	do.....	51	f1	do.....	4 20	4 20	3 60	4 12	210
9	do.....	51	f1	do.....	4 50	4 50	4 00	4 23	215
10	do.....	51	f1	do.....	5 00	5 50	4 50	5 20	265
11	do.....	51	f1	do.....	4 00	4 00	2 50	3 25	166
12	Icer.....	51	f1	Piece.....	4 50	5 50	3 50	4 71	240
13	do.....	51	f1	Week.....	4 20	4 50	4 20	4 31	220
14	Packer.....	51	f1	do.....	5 00	5 00	4 50	4 90	250
15	do.....	51	f1	do.....	4 50	4 50	4 00	4 41	225

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT F—Concluded.									
16	Packer .....	50	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	2 Week ...	\$5 00	\$ 5 00	\$4 50	\$4 70	\$235
17	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	2 50	2 50	2 00	2 25	115
18	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	2 50	2 60	2 50	2 55	130
19	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 00	3 50	2 50	3 04	155
20	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	2 50	2 50	2 25	2 35	120
21	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	Piece....	8 31	10 75	4 50	7 84	400
22	Runner .....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	Week ....	3 00	3 00	2 40	3 69	188
23	Weighter .....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	4 80	4 80	4 80	5 20	265
24	Wrapper .....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	Piece....	6 75	7 50	5 25	6 57	335
25	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	5 28	7 00	3 50	5 89	275
26	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 65	5 00	3 00	4 22	215
27	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	4 25	4 25	3 50	4 02	205
28	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 45	4 00	2 50	3 43	175
29	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	Week ....	4 50	4 50	4 50	4 50	230
30	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	Piece....	4 25	5 99	3 00	5 88	300
31	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	4 10	4 25	3 25	3 92	200
32	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 65	4 15	2 75	3 43	175
33	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 90	4 00	3 00	3 53	180
34	..do. ....	36	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	4 15	4 60	3 50	4 44	160
35	..do. ....	44	$\left\{ \begin{smallmatrix} 11 \\ 37 \end{smallmatrix} \right\}$	8 ..do. ....	4 50	5 50	3 00	4 36	192
36	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	6 00	6 25	3 50	4 80	245
37	..do. ....	13	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	2 50	2 50	1 80	2 15	28
38	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 60	4 00	3 50	3 82	195
39	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 00	4 78	2 40	3 82	195
40	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 75	4 15	2 50	3 33	170
41	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	4 00	4 50	3 00	3 82	195
42	..do. ....	24	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	2 70	3 55	1 25	2 42	58
43	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	2 50	2 65	2 00	2 31	118
44	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	Week ....	4 20	4 20	4 20	4 41	225
45	..do. ....	43	$\left\{ \begin{smallmatrix} 11 \\ 18 \end{smallmatrix} \right\}$	9 Piece....	3 50	5 00	1 50	3 26	140
46	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	5 50	6 00	4 00	5 10	260
47	..do. ....	51	$\left\{ \begin{smallmatrix} 11 \\ 11 \end{smallmatrix} \right\}$	..do. ....	3 90	4 25	3 00	3 63	185

\* Not given. † Vacation. ‡ Sick. § Began work. || No work. ° Holidays. ¶ At home.

## DRUGGISTS' SUNDRIES.

This establishment is the only one of its kind in the west. The manufacturing of surgical and porous plasters, absorbent cotton, surgical dressing, suspensories and chamois vests are carried on here. The women cut and sew suspensories, chest protectors and chamois vests, and paste cloth on porous plasters; also weigh, wrap, label, seal and pack the different products. This is all light and agreeable work. The factory has plenty of light and air and it is required that the workers

Table 32—Continued.

must be healthy and clean. Sewing machines are used. Resting is allowed in case of illness and a place is provided for that purpose. The work can be done sitting and seats are furnished.

DRUGGISTS' SUNDRIES—One Establishment—Possible Working Time 51 Weeks. Working Hours 10, from 7:15 a. m. to 5:45 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building Three Storics. Elevator and Stairway.

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
1	Cutter.....	52		Hour	\$ 9 50	\$ 9 50	\$3 15	\$ 7 46	\$388	
2	do.....	52		do	5 30	6 10	4 10	5 29	275	
3	Dressing maker	43	*	Piece	4 50	7 15	3 45	3 51	151	
4	Folder.....	51	†	Hour	4 50	4 50	3 10	3 78	193	
5	Labeler.....	52		do	5 75	7 95	3 75	5 92	308	
6	Laboratory work.....	52		do	4 55	9 60	4 00	5 92	308	
7	do.....	52		do	5 00	5 00	2 85	4 44	231	
8	Machine operator	50	‡	Piece	8 50	9 00	3 70	5 80	230	
9	do.....	49	13	do	7 05	10 05	4 95	7 27	356	
10	do.....	48	14	do	8 80	9 15	4 20	7 35	353	
11	do.....	49	13	do	14 00	14 60	6 85	10 55	517	
12	do.....	51	†	do	8 40	10 75	6 20	9 27	473	
13	do.....	51	†	do	10 75	10 75	5 10	7 35	375	
14	do.....	47	15	do	11 90	12 45	6 40	8 89	418	
15	do.....	52		do	9 90	11 50	4 00	4 83	251	
16	do.....	51	†	do	10 80	11 95	5 95	9 43	481	
17	do.....	52		Hour	9 50	10 00	4 50	9 10	473	
18	do.....	52		do	10 75	11 85	7 05	9 40	489	
19	do.....	52		Piece	7 80	10 10	4 10	7 33	381	
20	Marker.....	51	†	Hour	7 90	9 95	4 45	8 12	414	
21	Packer.....	44	*‡	Piece	7 21	8 25	2 10	5 02	221	
22	do.....	44	*	do	4 50	5 75	3 35	4 82	212	
23	do.....	36	*	Hour	5 00	6 10	2 90	4 58	165	
24	do.....	52		do	5 00	10 70	5 10	7 60	395	
25	do.....	46	16	Piece	7 20	7 40	2 70	4 74	218	
26	Paster.....	52		do	5 70	8 10	2 30	5 00	260	
27	Picker.....	52		do	7 75	10 10	4 30	6 54	340	
28	Plaster maker	45	*	do	6 50	7 00	3 30	6 44	309	
29	do.....	46	*	do	6 55	8 75	2 45	5 61	258	
30	do.....	52		do	5 60	7 50	2 85	5 38	280	
31	do.....	47	15	do	4 00	6 60	2 80	4 23	199	
32	do.....	52		Hour	9 65	10 50	6 00	9 17	477	
33	Puller.....	45	*	Piece	6 45	8 45	3 65	5 54	266	
34	do.....	35	*	do	7 00	7 00	3 15	8 17	236	
35	Roller.....	30	*	Hour	5 00	6 05	2 45	4 20	126	
36	do.....	31	*	Piece	4 30	4 75	2 60	3 29	102	
37	Wrapper.....	52		do	8 55	9 30	4 10	7 29	379	

\* Began work. † Vacation. ‡ No work.

Table 32—Continued.

## ELECTRICAL GOODS.

This is a large establishment with several buildings, most of these are new; they are all well lighted and aired; all machines have modern appliances for carrying off the dust and particles of metal. There is an excellent and adequate fire protection system and a local fire department; the girls employed here are comparatively young in years; they are furnished with all facilities for their comfort and enjoyment, such as the use of gas stoves for heating coffee and eating lunch, also a room for dancing during the lunch time. The supervisory provisions over the conduct of the girls is very strict. Owing to the frequent occurrence of slight accidents a well equipped surgical room, with two physicians in attendance is furnished by the company. In case of illness a place is provided for rest and every attention is shown the sufferer. The best of feeling exists between the employer and employé in consequence of the interest taken in the welfare of the girls. Machines are used and supplied with safety appliances. The toilet accommodations are adequate, also for change of clothing; porcelain sinks are provided for washing, bath adequate and attractive, these are used at different times by men and girls.

ELECTRICAL GOODS—One Establishment—Possible Working Time 52 Weeks. Working Hours 9, from 7:30 a. m. to 5:5 p. m. Forty-five Minutes Allowed for Midday Lunch. Wages Paid Weekly. Buildings Two to Eight Stories. Elevators and Stairways.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Finisher .....	52		Piece ..	*	*	*	\$ 8 63	\$449
2	..do. ....	52		..do. ....	\$ 8 63	\$ 9 10	\$ 6 00	7 44	387
3	..do. ....	52		..do. ....	7 44	8 46	5 58	8 67	451
4	..do. ....	52		..do. ....	8 67	9 52	7 84		
5	..do. ....	52		..do. ....				8 71	453
6	..do. ....	36	*	..do. ....	8 62	9 38	7 63	8 61	310
7	..do. ....	16	†	..do. ....	10 77	11 65	8 00	10 75	172
8	..do. ....	20	†	..do. ....	6 79	7 42	6 16	6 80	136
9	Insulator .....	52		Hour ..	10 25	12 39	8 27	9 10	473
10	..do. ....	52		..do. ....	7 96	9 22	6 80	7 06	367
11	..do. ....	52		Piece ..	7 81	8 78	6 80	7 96	414
12	..do. ....	36	†	Hour ..	6 58	11 27	8 48	8 73	314
13	..do. ....	52		..do. ....	8 74	10 60	6 07	6 58	343
14	..do. ....	52		..do. ....	8 74	10 60	6 07	8 73	454
15	..do. ....	52		..do. ....	9 72	10 62	8 08	9 71	505
16	..do. ....	52		..do. ....	9 33	11 46	6 49	9 33	485
17	..do. ....	52		..do. ....	9 20	10 33	7 04	9 37	487
18	Lamp work .....	32	†	..do. ....	7 81	8 34	7 26	7 81	250
19	..do. ....	52		..do. ....	9 68	10 57	8 32	9 67	503
20	Machine operator .....	52		..do. ....	10 60	12 09	9 12	10 60	551

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
21	Machine operator.....	4	†	Hour..	\$ 5 89	\$ 5 89	\$ 5 89	\$ 6 00	\$240
22	Paster .....	52	.....	do...	9 21	9 96	7 92	9 15	471
23	Tester .....	52	.....	do...	7 42	7 42	5 25	7 42	396
24	do.....	52	.....	do...	6 51	6 94	5 72	6 52	339
25	do.....	52	.....	do...	6 89	6 89	5 59	6 31	328
26	Winder .....	52	.....	do...	10 26	11 38	9 00	10 27	534
27	do.....	49	.....	do...	9 19	13 60	3 62	9 20	451
28	do.....	8	.....	do...	5 43	8 50	5 43	8 00	64
29	do.....	52	.....	do...	10 26	11 03	9 00	10 31	536
30	do.....	52	.....	do...	5 03	6 03	4 47	5 04	262
31	do.....	52	.....	do...	10 45	11 44	9 58	10 46	544
32	do.....	52	.....	do...	9 95	10 65	9 26	9 94	517
33	do.....	42	.....	do...	8 83	10 72	7 54	8 83	371

\* Not given. † Began work.

## GLOVES AND MITTENS.

This establishment employ an average of 500 workers during the year; one-half of whom are women and girls. The work is light and pleasant, some of it done by machines. No allowance is made for time lost. Resting is not allowed except in case of illness, for this a place is furnished for resting. Work can be done sitting and seats are provided. All machines have safety appliances.

GLOVES AND MITTENS—One Establishment—Possible Working Time 52 Weeks. Working Hours 9 1-2, from 7:30 a. m. to 5:35 p. m. Thirty-five Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building Two Stories. Stairway.

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Bander.....	51	.....	*1 Piece..	\$ 9 37	\$11 96	\$7 43	\$8 80	\$449
2	Binder .....	51	.....	*1 do...	10 70	10 70	6 69	8 47	438
3	do.....	50	.....	*2 do...	7 35	10 05	5 13	8 34	317
4	Closer .....	52	.....	do...	10 45	11 89	7 28	9 29	488
5	do.....	51	.....	*1 do...	8 56	11 87	6 77	9 39	479

Table 32—Continued.

Number	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING WEEK.		Average for weeks employed.	Total for weeks employed.
						Highest.	Lowest.		
6	Closer			Piece.					
7	do.	50	*2	do.	\$ 5 58	\$ 8 45	\$ 5 30	\$ 6 02	\$381
8	do.	50	*2	do.	7 17	9 52	5 57	7 50	375
9	do.	50	*2	do.	7 11	10 02	5 19	6 88	344
10	do.	49	*1	do.	6 54	8 47	6 15	6 76	331
11	do.	49	*2	do.	5 97	9 74	5 17	6 29	302
12	do.	42	*7	do.	5 63	8 61	5 05	6 07	255
13	do.	50	*2	do.	10 92	13 70	7 35	9 12	456
14	do.								
15	do.	51	*1	do.	8 98	12 24	7 50	8 71	444
16	do.	52		do.	6 61	9 71	6 23	7 04	366
17	do.	22	*8	do.	4 76	8 59	3 28	4 14	91
18	do.	†16		do.	7 57	10 01	4 53	7 38	118
19	do.	52		do.	11 10	12 02	8 23	10 02	521
20	Distributor	52		Week.	4 00	4 00	3 00	3 00	156
21	Glove maker	52		Piece.	8 15	10 21	5 09	6 79	353
22	do.	40	†12	do.	11 58	11 58	5 43	6 60	264
23	do.	50	*2	do.	7 50	11 18	6 76	8 74	437
24	do.	†18		Week.	3 31	4 50	2 95	4 17	75
25	do.	46	*4	Piece.	7 35	10 10	4 39	7 65	352
26	do.	50	*2	do.	7 73	9 29	5 40	6 14	307
27	do.	52		do.	7 05	8 40	5 05	6 43	337
28	do.	46	*6	do.	6 64	8 03	5 02	5 98	275
29	do.								
30	do.	51	*1	do.	5 87	8 68	5 25	5 96	298
31	do.	50	*1	do.	4 89	10 50	4 75	5 90	290
32	do.	49	*2	do.	10 70	12 13	7 55	8 29	406
33	do.	50	*1	do.	9 05	11 45	7 25	9 76	488
34	do.	45	*7	do.	10 21	11 20	5 50	8 64	389
35	do.	51	*1	do.	7 85	9 90	5 47	6 77	345
36	do.	51	*1	do.	8 30	8 93	5 00	6 67	340
37	do.	49	*3	do.				8 41	412
38	Hemmer	*	*7	do.	6 19	6 65	4 96	*	*
39	Machine operator	†15		do.	4 20	7 87	5 07	5 47	82
40	do.	38	*14	do.	6 98	9 90	4 50	5 11	194
41	do.	50	*2	do.	8 60	11 29	6 83	7 98	393
42	do.	50	*1	do.	10 20	12 00	8 25	8 90	440
43	do.	49	*3	do.	7 00	9 85	5 85	10 00	490
44	do.	47	*4	do.	6 90	9 50	6 10	7 17	337
45	do.	47	*1	do.	9 00	14 69	6 60	6 83	321
46	do.	51	*1	do.	8 60	14 70	6 60	10 20	520
47	do.	51	*1	do.	7 40	9 00	6 25	7 67	391
48	do.	49	*3	do.	8 00	8 75	4 75	6 14	301
49	do.	51	*1	do.	7 10	9 50	5 05	7 10	362

\*Not given. †Began work. ‡Sick. §Vacation.

Table 32—Continued.

## HARDWARE SPECIALTIES

Of an average of 150 employed during the year, 35 were women and girls. Their work is making and putting handles on tools such as screw drivers, cake turners, mixing spoons, etc.; they also put springs, clasps and handles on curling irons, screw racks on boards, polish nut picks and crackers. Some of the stronger women handle quite heavy pieces of metal at machines pressing steel and ornamental iron. One of these women was transferred to lighter work by the manager, but entreated to be given her former place, and her request was granted. No resting is allowed except in case of illness; work can be done sitting and seats are provided; no allowance is made for time lost, but no fines are imposed; machines are used and have safety appliances; some are operated by women.

**HARDWARE SPECIALTIES—One Establishment—Possible Working Time**  
*52 Weeks. Working Hours 10, from 7:00 a. m. to 5:30 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building Two Stories. Elevator and Stairways.*

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed.
						Highest.	Lowest.		
1	Finisher .....	49	*3	Piece..	\$9 50	\$9 55	\$5 00	\$8 31	\$407
2	Handler .....	48	†4	..do...	6 55	8 15	3 45	5 48	263
3	..do. ....	48	†4	..do...	7 35	7 35	3 65	5 60	269
4	Machine operator .....	49	*3	..do...	5 00	5 95	3 65	4 76	233
5	..do. ....	46	†6	..do...	6 25	7 80	3 85	5 11	235
6	..do. ....	50	\$2	..do...	5 65	6 95	3 85	5 44	272
7	..do. ....	51	†1	..do...	4 80	5 80	3 65	4 51	230
8	..do. ....	51	†1	..do...	9 65	9 95	4 55	6 96	355
9	Packer .....	48	†4	Hour..	4 95	8 10	3 85	5 54	266
10	..do. ....	50	\$2	..do...	5 75	7 50	4 25	5 52	276

\* No work; † at home; ‡ not given; § vacation.



Table 32—Continued.

## INK AND MUCILAGE.

This establishment employ an average of 65 persons, 50 of which are women and girls. The ink and mucilage is put in bottles by men, women and girls, glueing wooden pieces to corks; corking the bottles, labeling and packing, all being light and easy work and requiring no skill. The plant is modern, clean and in fine condition. Children and young girls are employed. There is a place for resting in case of illness. Part of the work can be done sitting and seats are provided.

INK AND MUCILAGE—One Establishment—Possible Working Time 52 Weeks. Working Hours 9 1-2, from 7:00 a. m. to 5:25 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building Two Stories. Elevator and Stairways.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Labeler .....	51	*1	Piece.....	\$7 50	\$ 7 50	\$4 00	\$7 08	\$361
2	..do.....	51	*1	..do.....	9 50	10 80	3 50	7 06	360
3	..do.....	52		..do.....	4 80	7 80	2 10	6 38	332
4	..do.....	51	*1	..do.....	7 50	9 00	3 35	5 90	301
5	..do.....	51	*1	..do.....	7 50	12 00	4 00	6 75	344
6	..do.....	49	†4	..do.....	7 00	7 10	2 50	4 71	226
7	..do.....	52		..do.....	4 25	7 00	3 15	5 42	252
8	..do.....	52		..do.....	4 80	7 30	2 80	5 48	285
9	..do.....	44	†8	..do.....	8 00	9 50	4 15	7 38	334
10	Packer .....	52		..do.....	8 00	8 70	4 00	7 19	374
11	..do.....	52		..do.....	6 50	7 60	5 30	5 96	310
12	Paster .....	47	15	..do.....	7 00	8 85	3 20	6 72	316

\* Vacation; † at home; ‡ sickness.

Table 32—Continued.

## JEWELERS FINDINGS AND NOVELTIES.

This establishment employ an average of 160 persons, 65 of whom are women and girls. The plant is modern, airy and light. The work is varied but not very hard; eight women were found working at foot power presses, making small parts of jewelry, badges and links to combine larger parts of jewelry, several girls do soldering; others bending wires and carding jewelry, sewing, wrapping and boxing goods. Work of other countries is imitated for which there is great demand. No allowance is made for lost time but no fines are imposed. There is a resting place in case of sickness. Work can be done sitting and seats are provided.

JEWELERS FINDINGS AND NOVELTIES—One Establishment—Possible Working Time 52 Weeks. Working Hours 10, from 7:00 a. m. to 5:30 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Payable Weekly. Building Three Stories. Elevator and Stairways.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Chain maker.....	51	*1	Hour....	\$6 95	\$11 15	\$3 15	\$6 94	\$354
2	Pointer.....	50	{*1 †1}	2 ..do....	5 15	5 15	3 40	4 46	223
3	Press worker.....	51	*1	..do....	5 40	5 40	2 55	3 57	182
4	..do.....	51	*1	..do....	5 85	6 00	3 80	4 96	253
5	Solderer.....	48	‡4	..do....	5 30	5 40	2 85	4 96	238
6	..do.....	51	†1	..do....	5 40	6 00	3 60	5 27	269
7	..do.....	46	‡6	..do....	4 80	4 80	3 75	4 22	194
8	..do.....	51	*1	..do....	6 00	7 15	3 75	5 82	297
9	..do.....	50	{*1 †1}	2 ..do....	3 40	5 10	2 25	4 32	216
10	..do.....	51	*1	..do....	6 00	6 00	4 20	5 61	286
11	..do.....	51	*1	..do....	6 00	6 00	4 25	5 33	272
12	..do.....	51	*1	..do....	5 15	5 60	3 50	4 63	236
13	..do.....	51	*1	..do....	5 35	6 00	3 90	5 41	276
14	..do.....	51	*1	..do....	4 75	4 75	3 30	3 92	200
15	..do.....	50	{*1 †1}	2 ..do....	4 60	4 90	2 95	4 08	204
16	..do.....	49	‡2	..do....	5 35	5 40	2 70	4 78	234

\* Plant closed; † vacation; ‡ no work.

Table 32—Continued.

## KNIT GOODS.

Here two establishments are represented, one is new and up to date in every respect and is patterned after by other concerns of like character.

Men do all heavy work; women and girls operate the machines, making gloves, mittens, wristlets, childrens' underwear, etc., also finishing, inspecting, pressing and sizing. Some of the workers appeared unhealthy, but not on account of this work as was explained that the injury to their health was caused by former occupations. Knitting machines are worked by hand. No allowance is made for time lost. Resting is allowed and a place is provided in case of sickness; work can be done sitting and seats are furnished; there is plenty of light and ventilation.

KNIT GOODS—Two Establishments—Possible Working Time 52 Weeks.  
Working Hours, Establishment A, 9 1-2, from 7:30 a. m. to 5:30 p. m. Building Three Stories. Elevator and Stairways. B, 9, from 8:00 a. m. to 5:30 p. m. Building Four Stories. Stairways Only. Both Allow Thirty Minutes for Midday Lunch and Pay Wages Weekly.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	RANGE DURING YEAR.		Current week.	Average for weeks employed.	Total for weeks employed during year.
					Highest.	Lowest.			
ESTABLISHMENT A.									
1	Cutter..	50		*2 Piece..	\$ 6 90	\$ 8 05	\$ 3 60	\$ 5 52	\$276
2	Finisher ..	51		*1 ..do...	9 60	14 05	7 75	9 16	467
3	..do.....	47		*5 ..do...	7 50	7 85	3 35	5 85	275
4	..do.....	49		*3 ..do...	3 00	6 90	3 00	5 57	273
5	..do.....	51		*1 ..do...	10 45	12 40	5 60	9 59	489
6	..do.....	51		*1 ..do...	12 10	13 10	4 95	10 37	529
7	..do.....	51		*1 ..do...	11 85	13 85	5 60	9 73	496
8	..do.....	50		*2 ..do...	10 55	13 10	6 85	10 18	509
9	..do.....	50		*2 ..do...	15 85	17 50	8 70	13 32	666
10	..do.....	49		*3 ..do...	8 55	10 75	5 90	8 18	401
11	..do.....	50		*2 ..do...	8 80	11 00	5 30	7 32	366
12	..do.....	49		*3 ..do...	11 15	12 10	5 45	8 71	427
13	..do.....	50		*2 ..do...	9 90	12 10	6 10	8 34	417
14	Knitter.....	50		*2 ..do...	6 20	7 90	3 60	5 26	263
15	..do.....	52		.....do...	6 10	6 10	2 75	4 63	241
16	..do.....	50		*2 ..do...	6 50	7 85	3 95	6 04	302
17	..do.....	52		.....do...	7 10	7 55	5 50	6 06	315
18	..do.....	51		*1 ..do...	5 50	7 20	2 00	4 92	251
19	..do.....	51		*1 ..do...	5 65	7 80	2 40	5 71	291
20	..do.....	52		.....do...	5 40	5 85	2 60	5 33	277

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	RANGE DURING YEAR.		Current week.	Average for weeks employed.	Total for weeks employed during year.
					Highest.	Lowest.			
21	Knitter.....	51	*1	Piece..	\$ 5 80	\$ 6 45	32 20	\$ 5 39	\$375
22	..do.....	51	*1	..do..	5 80	7 15	2 10	5 39	235
23	..do.....	51	*1	..do..	5 75	7 25	4 10	5 38	305
24	..do.....	52	.....	..do..	3 90	6 65	3 15	4 98	259
25	..do.....	52	.....	..do..	7 25	7 35	3 40	6 13	324
26	..do.....	52	.....	..do..	5 20	5 70	2 60	4 04	210
27	..do.....	50	*2	..do..	4 00	3 00	3 10	5 74	287
28	..do.....	52	.....	..do..	7 90	3 35	4 45	7 40	385
29	..do.....	51	*1	..do..	6 25	7 80	4 20	6 80	347
30	..do.....	50	*2	..do..	4 30	4 85	3 30	3 78	189
31	..do.....	48	*4	..do..	3 00	7 00	3 00	6 00	286
32	..do.....	47	*5	..do..	2 75	3 80	2 75	3 00	141
33	..do.....	51	*1	..do..	6 50	7 20	3 15	6 55	334
34	..do.....	52	.....	..do..	7 05	9 50	3 65	7 94	413
35	..do.....	51	*1	..do..	5 50	5 65	2 25	5 24	267
36	..do.....	49	*3	..do..	3 55	5 70	2 05	4 53	222
37	..do.....	52	.....	..do..	4 50	6 05	3 25	4 69	244
38	..do.....	52	.....	..do..	3 50	5 65	2 50	4 17	217
39	..do.....	52	.....	..do..	3 00	3 05	3 55	7 40	385
40	..do.....	50	*2	..do..	8 65	9 10	4 80	7 10	355
41	..do.....	49	*3	..do..	7 00	10 80	4 10	7 71	378
42	..do.....	49	*3	..do..	7 20	11 05	5 20	7 85	380
43	..do.....	48	*4	..do..	11 75	14 00	6 85	10 58	506
44	..do.....	50	*2	..do..	11 15	11 45	7 20	9 24	462
45	..do.....	50	*2	..do..	12 95	15 25	7 05	12 12	606
46	Machine operator.....	50	*2	..do..	7 25	10 55	3 80	7 40	370
47	..do.....	51	*1	..do..	7 25	10 55	4 25	7 00	357
48	..do.....	49	*3	..do..	6 50	12 50	4 50	7 78	381
49	..do.....	47	*5	..do..	5 75	7 65	3 65	5 28	246
50	Mender.....	52	.....	Piece..	10 70	14 10	5 60	9 44	491
51	..do.....	51	*1	..do..	10 60	13 45	5 90	11 08	565
52	Packer.....	51	*1	Hour..	4 00	4 50	2 95	4 12	210
53	..do.....	49	*3	..do..	5 40	6 60	3 45	5 16	253
54	..do.....	52	.....	..do..	6 00	7 10	3 15	5 60	291
55	..do.....	52	.....	..do..	5 00	6 00	3 65	4 86	252
56	..do.....	52	.....	..do..	5 50	6 15	4 45	5 44	283
57	..do.....	52	.....	..do..	4 80	6 55	3 00	5 35	278
58	..do.....	52	.....	..do..	6 00	7 00	3 45	5 68	289
59	..do.....	52	.....	..do..	6 50	8 20	4 70	6 17	321
60	Turner.....	50	*2	Piece..	6 20	8 30	3 85	5 74	287
ESTABLISHMENT B.									
1	Machine operator.....	52	.....	..do..	7 15	7 50	6 05	6 83	355
2	..do.....	52	.....	..do..	7 75	7 75	5 85	7 31	380
3	..do.....	52	.....	..do..	9 25	9 75	8 25	9 54	496
4	..do.....	52	.....	..do..	8 00	8 60	5 15	8 12	422
5	..do.....	52	.....	..do..	7 15	9 00	5 45	8 02	417
6	..do.....	52	.....	..do..	7 15	8 10	6 00	7 62	396
7	..do.....	52	.....	..do..	8 75	10 05	6 35	7 58	394
8	..do.....	52	.....	..do..	9 35	10 00	8 00	9 35	486

\* Vacation, † no work.

Table 32—Continued.

## LADIES HATS.

Women do all this class of work, after the frames are made. In this establishment most of them are Russians and earn small wages. Their entire work consists in trimming hats. Resting is allowed only in case of sickness and a place is provided; work can be done sitting and seats are furnished. The plant is well lighted and ventilated.

**LADIES' HATS—One Establishment—Possible Working Time 52 Weeks. Working Hours 8 1-2, from 8:30 a. m. to 530 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building Seven Stories. Elevator and Stairways.**

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	RANGE DURING YEAR.		Current week.	Average for weeks employed.	Total for weeks employed during year.
					Highest.	Lowest.			
1	Maker and trimmer.....	49	\$9	..do...	\$15 40	\$17 15	\$5 80	\$11 33	\$555
2	..do.....	49	\$9	..do...	.....	.....	.....	10 67	523
3	..do.....	50	12	..do...	5 60	7 50	5 20	5 98	299
4	..do.....	43	19	..do...	6 20	10 10	5 50	7 30	314
5	..do.....	49	\$9	..do...	17 40	17 80	5 80	11 98	587
6	..do.....	49	18	..do...	6 00	10 55	5 00	7 63	374
7	..do.....	50	\$2	..do...	7 15	16 90	3 60	8 16	408
8	..do.....	50	*2	..do...	9 00	9 00	4 05	7 32	366

\* Not given, † vacation, ‡ sickness, § no work.

## LAUNDRY.

In this industry, the distribution of work in all establishments, is generally the same. Men do the heavy work such as filling, emptying and operating the washing machines. The women and girls do the marking, starching, ironing, assorting, etc. In some plants the ironing is done by machine and in others by hand. The motive power is generally steam but in many cases electricity is used all properly guarded. The sanitary conditions as a rule are very good. In some establishments resting is permitted and rest rooms provided, in others, no provision is made even in case of sickness. In some occupations the work can be done sitting and seats are provided. Toilet and dressing rooms provided separate; some establishments have a lunch room. No allowance is made for lost time, except in some plants, part time is allowed. In this industry the workers as a rule are contented and happy. One woman reported that she had been engaged in that occupation for 37 years.

Table 32—Continued.

LAUNDRY—Three Establishments—Possible Working Time 52 Weeks. Working Hours 10 in all but D, which has 9 1-2. Time from 7:00 a. m. to 5:30 p. m. in A, E, G, L and M; from 7:30 a. m. to 6:00 p. m. in D, F, H and I; from 7:00 a. m. to 6:00 p. m. in B and C, and from 7:15 a. m. to 6:00 p. m. in J and K. Thirty Minutes Allowed for Midday Lunch, Except I and K, which Allow Forty-five Minutes and B, C and D, where One Hour is Allowed. All Buildings are One Story, Except A, B, I and M, which are Two Stories. Elevators and Stairways. Wages Paid Weekly in All.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A									
1	Counter .....	52		Week....	\$ 6 50	\$ 8 75	\$ 5 40	\$ 6 94	\$361
2	Feeder .....	52		..do....	5 50	7 35	4 60	6 04	314
3	..do....	52		..do....	5 00	8 00	5 00	6 44	335
4	..do....	52		..do....	6 00	8 00	5 25	6 58	342
5	Finisher .....	52		..do....	6 50	8 00	6 50	6 81	354
6	Folder .....	52		..do....	6 00	8 00	5 00	6 38	332
7	..do....	48	†4	..do....	7 50	10 00	6 25	7 52	361
8	..do....	52		..do....	6 00	8 00	5 40	6 50	338
9	..do....	52		..do....	9 05	10 70	5 90	8 65	450
10	..do....	52		..do....	6 00	6 00	3 50	5 50	286
11	..do....	52		..do....	6 05	6 05	5 25	5 60	291
12	..do....	52		..do....	6 00	6 25	3 85	5 27	274
13	..do....	52		..do....	6 00	7 35	5 05	6 08	316
14	..do....	52		..do....	6 00	8 00	4 85	6 52	339
15	Hand ironer .....	52		..do....	9 40	11 70	9 10	9 75	507
16	..do....	52		..do....	7 40	10 05	6 20	7 37	383
17	Lister .....	52		..do....	8 00	8 00	7 50	7 52	391
18	Machine operator .....	52		..do....	6 00	7 50	6 00	6 04	314
19	..do....	52		..do....	7 00	7 00	4 00	6 94	361
20	..do....	52		..do....	7 00	7 00	6 25	6 96	362
21	..do....	52		..do....	5 00	8 00	5 00	6 06	315
22	..do....	52		..do....	6 00	8 00	6 00	6 58	342
23	..do....	52		..do....	6 00	7 10	5 25	5 75	299
24	..do....	52		..do....	8 00	8 00	6 65	7 90	411
25	..do....	52		..do....	7 00	7 00	5 75	6 96	362
26	..do....	52		..do....	6 50	6 50	4 10	5 63	293
27	..do....	52		..do....	8 00	8 00	6 05	7 37	409
28	..do....	52		..do....	6 00	8 00	5 20	6 12	318
29	..do....	52		..do....	6 00	8 00	6 00	6 58	342
30	..do....	52		..do....	6 00	7 35	4 55	5 85	304
31	..do....	51	†1	..do....	6 50	8 65	6 25	6 80	347
32	..do....	52		..do....	6 75	8 50	6 50	7 52	391
33	..do....	52		..do....	6 50	8 50	4 65	6 75	351
34	Marker .....	52		..do....	10 00	10 00	8 00	9 00	468
35	Sorter .....	52		..do....	11 00	11 00	10 00	10 33	537
36	..do....	52		..do....	11 00	11 00	10 00	10 94	569
37	..do....	52		..do....	12 00	12 00	11 00	11 33	589
38	Starcher .....	52		..do....	9 00	9 00	9 00	9 00	468
39	..do....	52		..do....	6 00	6 00	5 35	5 58	290
40	..do....	52		..do....	6 00	7 25	5 50	6 58	342

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR		Average for weeks employed.	Total for weeks employed during year
						Highest.	Lowest.		
ESTABLISHMENT B.									
1	Checker.....	52		Week.....	\$ 7 50	\$ 7 50	\$ 7 00	\$ 7 25	\$377
2	Feeder.....	52		do.....	6 00	6 00	6 00	6 00	312
3	Finisher.....	50	*2	do.....	14 00	14 00	13 00	14 06	708
4	Folder.....	52		do.....	6 00	6 00	6 00	6 00	312
5	Hand ironer.....	50	*2	Piece.....	8 10	17 80	6 00	6 88	344
6	Lister.....	52		Week.....	7 50	7 50	7 00	7 25	377
7	Machine operator.....	51	*1	do.....	6 50	6 50	5 00	6 18	315
8	do.....	52		do.....	5 50	5 50	4 50	4 75	247
9	do.....	52		do.....	6 50	6 50	6 00	6 38	332
10	do.....	52		do.....	6 00	6 00	5 50	5 87	305
11	do.....	51		do.....	9 00	9 00	8 50	8 88	453
12	do.....	51	*1	do.....	9 50	9 50	9 50	9 63	491
13	do.....	52		do.....	5 50	5 50	4 50	4 92	256
14	Marker.....	52		do.....	9 00	9 00	8 00	8 88	462
15	do.....	52		do.....	6 00	6 00	5 00	5 08	264
16	Packer.....	50	*2	do.....	15 00	15 00	14 00	14 16	708
17	Sorter.....	52		do.....	10 00	10 00	7 50	9 77	508
18	do.....	52		do.....	11 00	11 00	9 25	9 58	498
19	do.....	52		do.....	14 00	14 00	14 00	14 00	728
20	Starcher.....	52		do.....	6 50	6 50	4 00	5 15	268
21	do.....	51	*1	do.....	6 50	6 50	4 00	5 39	275
22	do.....	52		do.....	5 50	5 50	4 50	4 60	239
23	Wiper.....	52		do.....	8 50	8 50	8 00	8 27	430
24	Wrapper.....	52		do.....	7 00	7 00	6 50	6 90	359
25	do.....	52		do.....	5 50	5 50	4 50	4 60	289
ESTABLISHMENT C.									
1	Finisher.....	52		Week.....	6 00	6 00	5 50	5 96	310
2	Hand ironer.....	52		do.....	6 00	6 00	5 50	5 96	310
3	do.....	52		do.....	7 00	7 00	6 00	6 44	335
4	do.....	52		do.....	6 00	6 00	6 00	6 00	312
5	Machine operator.....	52		do.....	7 00	7 00	6 00	6 92	360
6	do.....	26	1	do.....	4 00	4 00	4 00	4 00	104
7	do.....	22	1	do.....	6 00	6 00	5 50	5 91	130
8	do.....	50	*2	do.....	7 00	7 00	7 00	7 00	350
9	do.....	52		do.....	6 00	6 00	4 50	5 00	260
10	do.....	52		do.....	4 00	4 00	3 75	3 94	205
11	do.....	52		do.....	4 00	4 00	3 75	3 94	205
12	do.....	52		do.....	5 00	5 00	4 00	4 52	235
13	do.....	26	1	do.....	5 00	5 00	5 00	5 00	130
14	Marker.....	52		do.....	7 00	7 00	6 50	6 92	360
15	Sorter.....	52		do.....	7 00	7 00	7 00	7 02	365
16	Sorter and marker.....	47	*6	do.....	7 00	7 00	6 00	6 49	305
17	do.....	52		do.....	5 00	5 00	4 00	4 52	235
18	Starcher.....	44	*8	do.....	5 00	5 00	4 00	4 43	195
19	do.....	52		do.....	6 00	6 00	6 00	5 48	285
20	do.....	51	1	do.....	7 00	7 00	6 50	6 86	350

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT D.									
1	Bundle girl	44		Week	4	4	4	4	176
2	Felder	44		do	4	4	4	4	176
3	Hand ironer	44		do	4	4	4	4	176
4	do	44		do	4	4	4	4	176
5	Machine operator	44		do	4	4	4	4	176
6	do	44		do	4	4	4	4	176
7	do	44		do	4	4	4	4	176
8	do	44		do	4	4	4	4	176
9	do	44		do	4	4	4	4	176
10	do	44		do	4	4	4	4	176
11	do	44		do	4	4	4	4	176
12	do	44		do	4	4	4	4	176
13	do	44		do	4	4	4	4	176
14	Marker	44		do	4	4	4	4	176
15	do	44		do	4	4	4	4	176
16	Shaker	44		do	4	4	4	4	176
17	Starcher	44		do	4	4	4	4	176
18	do	44		do	4	4	4	4	176
19	Starchfeeder	44		do	4	4	4	4	176
ESTABLISHMENT E.									
1	Assorter	44		Hour	7	7	7	7	308
2	do	44		Piece	11	11	11	11	484
3	do	44		do	9	9	9	9	405
4	do	44		do	9	9	9	9	405
5	Machine operator	44		do	7	7	7	7	308
6	do	44		do	10	10	10	10	440
7	do	44		do	10	10	10	10	440
8	do	44		do	10	10	10	10	440
9	do	44		do	10	10	10	10	440
10	do	44		do	9	9	9	9	378
11	do	44		do	6	6	6	6	264
12	do	44		do	9	9	9	9	405
13	do	44		do	9	9	9	9	405
14	Marker	44		do	7	7	7	7	308
15	do	44		do	9	9	9	9	405
16	do	44		do	9	9	9	9	405
ESTABLISHMENT F.									
1	Hand ironer	44		12 Week	10	10	10	10	440
2	Machine operator	44		do	10	10	10	10	440
3	do	44		do	10	10	10	10	440
4	do	44		12	10	10	10	10	440
5	do	44		do	10	10	10	10	440
6	do	44		do	5	5	5	5	220
7	do	44		do	5	5	5	5	220
8	Starcher	44		do	9	9	9	9	378
9	do	44		do	10	10	10	10	440
10	Sorter	44		do	11	11	11	11	484
11	do	44		do	9	9	9	9	405



Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed.
						Highest.	Lowest.		
ESTABLISHMENT G.									
1	Folder	51	1	Week	\$ 4 50	\$ 4 50	\$ 3 50	\$ 3 63	\$185
2	do.	51	*1	do.	6 00	6 00	6 00	6 00	306
3	do.	52		do.	4 50	4 50	4 50	4 50	234
4	do.	22	†	do.	4 50	4 50	4 50	4 50	99
5	Marker	50	\$2	do.	15 00	15 00	15 00	15 00	750
6	Machine operator	52		do.	6 00	6 00	6 00	6 00	312
7	do.	51	†1	do.	7 30	7 30	7 28	7 29	372
8	do.	50	†2	do.	7 50	7 50	7 50	7 50	375
9	do.	48	†4	do.	8 00	8 00	8 00	8 00	384
ESTABLISHMENT H.									
1	Drier	52		do.	6 00	6 00	6 00	6 00	312
2	Finisher	52		do.	9 00	9 00	9 00	9 00	468
3	Machine operator	51	†1	do.	6 50	6 50	6 30	6 43	328
4	do.	46	†6	do.	5 00	5 00	4 00	4 30	196
5	do.	52		do.	7 00	7 00	7 00	7 00	364
6	do.	51	†1	do.	7 50	7 60	7 00	7 51	383
7	Sorter	52		do.	6 50	6 50	6 50	6 50	338
8	Starcher	52		do.	5 50	5 50	5 50	5 50	286
9	do.	49	\$3	do.	8 00	8 00	8 00	8 00	392
ESTABLISHMENT I.									
1	Assorter	51	†1	do.	7 00	7 20	7 00	7 04	359
2	do.	52		do.	7 00	7 00	6 80	6 96	362
3	Machine operator	52		do.	6 50	6 50	6 50	6 50	338
4	do.	43	09	do.	8 00	8 00	8 00	9 67	416
5	do.	43	09	do.	8 00	8 00	8 00	9 67	416
6	do.	43	09	do.	9 00	9 00	9 00	10 88	468
7	do.	52		do.	5 00	9 00	5 00	8 85	460
8	Marker	52		do.	8 50	8 50	8 50	8 50	442
ESTABLISHMENT J.									
1	Hand ironer	1	*51	do.					
2	Machine operator	4	†	do.	9 00	9 00	9 00	9 00	36
3	do.	2	†	do.	10 00	10 00	10 00	10 00	20
4	do.	52		do.	4 50	4 50	4 00	4 48	233
5	do.	52		do.	6 00	6 00	6 00	6 00	312
6	Starcher	52		do.	7 00	7 00	7 00	7 00	364
ESTABLISHMENT K.									
1	Hand ironer	52		do.	10 00	10 00	10 00	10 00	520
2	Machine operator	52		do.	6 25	6 25	6 00	6 15	320
3	do.	5	†	do.	6 00	6 00	6 00	7 00	35
4	do.	52		do.	7 50	7 50	7 50	7 50	390
5	Marker	46	\$6	do.	9 50	9 50	9 50	9 78	450

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed.
						Highest.	Lowest.		
ESTABLISHMENT L.									
1	Finisher .....	52	.....	Week .....	\$ 8 75	\$ 8 75	\$ 8 75	\$ 8 75	\$455
2	Hand ironer .....	43	.....	*9 ..do. ....	9 00	9 00	9 00	10 88	468
3	Machine operator .....	52	.....	..do. ....	8 75	8 75	8 70	8 73	454
4	Starcher .....	43	.....	*9 ..do. ....	8 00	8 00	8 00	9 67	416
ESTABLISHMENT M.									
1	Hand ironer .....	52	.....	..do. ....	8 00	8 00	8 00	8 00	416
2	Machine operator .....	48	.....	\$4 ..do. ....	10 00	10 00	10 00	10 00	480

\* Not given. † No work. ‡ Began work. § Sickness. || Accident. ¶ Vacation. ° At home.

## LETTER FILES.

This establishment is modern in every respect. It has all the conveniences such as lunch and resting rooms, with wash and toilet rooms connected. Each individual has a locker for clothes. The work of the women and girls consists in pasting letters on file sheets, cloth on corners and on edges of files, also on covers and backs. No resting is permitted, except in case of sickness and there is a place for that purpose. No allowance is made for lost time. The workers are steady and have been employed here from 3 to 25 years.

Table 32—Continued.

LETTER FILES—One Establishment—Possible Working Time, 52 Weeks. Working Hours from 8:00 a. m. to 5:00 p. m. Forty Minutes Allowed for Midday Lunch. Wages Paid Weekly. Buildnig Two Stories. Elevator and Stairway.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Feeder .....	51	*1	Piece .....	\$ 8 80	\$10 45	\$4 15	\$ 7 12	\$363
2	Gluer .....	51	*1	do. ....	11 30	11 90	8 75	10 73	547
3	do. ....	51	*1	do. ....	14 20	14 10	7 50	12 57	641
4	do. ....	51	*1	do. ....	12 45	12 45	7 25	11 55	589
5	do. ....	51	*1	do. ....	13 75	13 75	8 75	10 71	546
6	do. ....	51	*1	do. ....	12 00	14 60	8 15	11 55	589
7	Machine operator .....	52		Hour .....	8 95	10 65	5 40	8 83	459
8	Paster .....	51	*1	do. ....	13 25	13 25	8 50	10 39	530
9	do. ....	52		Piece .....	7 75	8 00	4 40	6 81	354
10	do. ....	48	*4	do. ....	10 95	10 95	6 50	9 54	458
11	do. ....	50	*2	do. ....	9 80	10 00	7 50	9 36	468
12	do. ....	51	*1	Hour .....	6 81	7 00	4 15	5 33	272
13	Stamper .....	51	*1	do. ....	7 95	7 95	4 15	5 61	286

\* Vacation.

### MEAT PACKING.

Seven extensive establishments are represented here, all of which employ great numbers of women and girls. Altogether the reports indicate at this time nearly 4,000 of these workers, besides about 3,500 men. As this report is not intended to deal with the manner of the slaughtering of animals or the handling of their carcasses, nor of the physical conditions surrounding; no attempt is made, therefore, to describe any processes or conditions outside of departments where women are employed.

The number of women and girls represented is 451 or about 10 per cent of the whole number, yet, considered fairly representative. The nationality of these women and girls is varied; however of the number reporting 62 per cent were native born; and of this number 70 per cent were natives of Illinois. Of these 90 per cent report foreign born fathers and 85 per cent foreign born mothers (Table 27.) The present ages reported, range from 14 to 38 years, and over; 42.7 per cent were 18 years and under; three being 15 years old; 41.0 per cent were aged from 19 to 25 years, and 16.3 per cent 26 years and over. The average age of the whole number was 21 years and 10 months. (Table 25.) The average age at which they began work was 15 years and the average number of years they have been employed in their present occupations was 2 years and 5 months. (Table 24 and 26.)

Table 32—Continued.

The education of these workers, measured by their attendance at school, will perhaps compare favorably with that of the same number in any similar industry; one agent mentions them as intelligent and independent. The number not reporting was 47, and 15 reported as never having attended school, or at most not for one year. The average period of attendance at school of the number reporting was 6 years and 2 months; of these 33.6 per cent had a period of schooling for less than the average for all, while 66.3 per cent had over the average. (Table 28.)

*Previous occupations.* Whatever may be said as to these women and girls seeking or continuing to work in the occupations pertaining to this industry, or their motive in doing so, may have some explanation in the answers of a goodly number employed; in one or more of the establishments, the answer was that the employment was "as much lady like as in any other occupation." The reports also of the agents as to the workers in many departments were that the women and girls seem contented, cheerful and happy. Concerning the many women and girls who have sought employment in this industry one of the questions was as to previous occupation. Answers were made by 273 or 61 per cent of the whole number. These have been classified and appear as follows: (Table 23.) Clerical 48 or 17.6 per cent; domestic 65 or 23.8 per cent; factory 80 or 9.5 per cent; no other 54 or 19.8 per cent.

*Health*—The health of these workers was almost uniformly reported good (Table 22.) 85.4 per cent gave this answer; and, if there is anything unhealthful or deleterious in the work it was not perceptible in their general appearance.

*Homes—Neighborhood*—The homes of these women and girls are mainly in the vicinity of the several establishments. The houses are not crowded closely together, and are reported as "more separated than is generally true in other sections of the city;" therefore with plenty of light and air. Generally, all of these workers come from these homes; all are considered of good character and are largely members of the families, and presumably daughters of the men employed in the several establishments. These homes, while the surroundings do not measure up to the science of the beautiful, are nevertheless homes, and, in the large majority of cases are reported comfortable.

The several tables quite generally show the general conditions and terms under which these workers are employed in this industry. It appears from the reports that, without particularizing, the lighter work of preparing and completing the handling of all by-products in this industry carried on in the numerous departments, is especially considered to be the work of women and girls.

*Table 32—Continued.*

The general supervisory force over the work was found to be constantly on the alert, that all possible and proper care as to cleanliness be observed, in fact this was the universal rule. Instances are cited where forewomen gave special personal instructions to girls, who, through carelessness or ignorance, were not observant of this rule, showing them how to avoid uncleanness to their clothing or to the work in hand.

A description of the work in the several departments while interesting cannot be entered into here for want of space.

However, the hospital and medical attention extended by these establishments is to be noted. If the illness of a girl is but temporary, the cloak room usually furnishes a resting place; but if more than temporary the girl is expected to go to her home, and if unable to walk, the company furnishes a buggy and driver by which she is conveyed to her home. In one establishment a small hospital room is cited as comfortable with attending physician and assistants, where all cases of serious emergency can be cared for. In case surgical attention is necessary it can be given at once in an attractively equipped operating room; this is not only provided here but in many cases the physicians attend these patients at their homes. There is however no question but that immediate and skillful attention is at once extended when called for. Further, in regard to accidents, another report states, that in one establishment "the accidents to women were mostly of slight cuts from slipping knives, or handling tin in the tin shop. In almost every instance no time was lost, except that necessary in visiting the doctor's office for treatment; usually one visit was sufficient, and in all cases no deduction was made in wages."

"The management could recall but three cases where any considerable time was lost. One where a man was repairing a belt on a platform above where girls were working, the belt slipped out of his hand striking a girl on the head; the injury was slight but she lost four days, wages fully paid. Another, a girl stooping beneath a bench a few strands of her hair were caught on a small shaft, resulting in a scalp contusion; she was away from work ten days, wages fully paid. The third was by far the most serious, that has ever happened to a woman in our employ; this was a colored woman who was struck by a falling basket, through the carelessness of one of the workmen; while there was absolutely no responsibility attaching to the company, yet on account of the woman's financial condition and that she had to undergo a slight operation the company paid her \$225.00."

"The conditions under which the women work are extremely satisfactory and we aim to safe-guard them in every possible way; our records do not show any serious accident here for some years, except the one here mentioned; we believe this will fully illustrate the care we exercise in and about all of the departments where women are employed."

Table 32—Continued.

MEAT PACKING—Seven Establishments—Possible Working Time, 52 Weeks. Working Hours in A, 8 to 10; B, mainly 10; C, 9 and 10; D and G, 10; E, 5 to 10; and F, 6 to 10; all Between the Hours of 7:00 a. m. to 5:30 p. m. All Allow Thirty Minutes for Midday Lunch and Pay Wages Weekly, Except A, Paying Semi-Monthly. Buildings Occupied by Establishments A, C and D are Six Stories; B, Seven; E, Five; F and G, Four. Five have Elevators and Stairways and Two have Ample Stairways.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A.									
1	Copper .....	38	\$14	Hour .....	\$4 85	\$ 6 10	\$3 66	\$ 4 09	\$167
2	do. ....	3	†	Week .....	5 00	5 00	5 00	5 00	15
3	Corker .....	50	*	Hour .....	4 25	5 62	3 04	4 74	237
4	do. ....	44	19	do. ....	3 83	4 66	3 41	3 73	164
5	Counter .....	45	*	do. ....	4 16	5 00	2 73	4 62	206
6	do. ....	48	*	do. ....	5 77	7 00	3 20	6 63	318
7	do. ....	*	*	do. ....	*	*	*	*	*
8	Driller .....	49	*	Hour and piece	6 17	9 00	5 00	6 88	337
9	Feeder .....	49	\$3	do. ....	6 10	7 52	4 50	6 18	306
10	do. ....	32	\$20	Hour .....	5 00	6 42	3 80	5 50	176
11	do. ....	27	125	do. ....	5 55	6 17	3 55	4 48	121
12	do. ....	46	\$6	do. ....	5 55	6 70	2 70	5 04	232
13	do. ....	48	\$4	do. ....	5 55	6 40	3 55	5 29	254
14	do. ....	48	\$4	do. ....	5 60	6 42	3 80	5 00	240
15	do. ....	49	\$3	do. ....	5 50	6 55	3 80	4 65	228
16	do. ....	8	*	do. ....	5 65	7 87	4 45	5 88	47
17	do. ....	49	\$3	do. ....	6 00	6 50	3 37	6 10	299
18	do. ....	46	\$6	do. ....	5 05	6 22	3 35	6 04	278
19	Filler .....	50	\$2	do. ....	4 66	4 87	3 83	4 62	231
20	Gelatine worker .....	*	*	*	*	*	*	*	*
21	do. ....	48	*	do. ....	5 75	6 00	4 40	5 19	249
22	Glue worker .....	*	*	do. ....	*	*	*	*	*
23	do. ....	*	*	Hour and piece	4 63	*	*	*	*
24	do. ....	50	*	Hour .....	4 95	6 30	4 45	4 66	233
25	do. ....	8	†	Hour and piece	5 65	*	*	*	48
26	do. ....	*	*	*	4 65	*	*	*	*
27	Grinder .....	50	\$2	Hour and piece	9 35	14 15	5 17	10 12	506
28	Hair worker .....	50	\$2	Hour .....	4 80	5 75	3 85	4 92	246
29	do. ....	48	\$2 } 4	do. ....	4 75	5 65	3 00	4 29	206
30	Labeler .....	20	†	do. ....	4 65	4 65	3 00	4 05	81
31	do. ....	8	†	do. ....	3 75	3 60	3 25	3 50	28
32	Linker .....	52	*	Hour and piece	6 50	9 90	4 90	7 23	376
33	do. ....	50	\$2	do. ....	6 70	8 35	5 30	6 48	324
34	do. ....	51	\$1	do. ....	6 85	8 25	4 20	6 57	335
35	do. ....	40	†	do. ....	6 60	7 45	3 70	6 40	256
36	do. ....	48	\$4	do. ....	5 68	8 17	3 36	3 60	173
37	do. ....	51	\$1	do. ....	6 85	8 35	5 95	6 33	323
38	do. ....	32	†	do. ....	6 25	7 30	4 60	5 41	178
39	do. ....	48	\$4	do. ....	5 25	7 25	4 15	3 75	180
40	do. ....	51	\$1	do. ....	6 70	8 55	5 45	6 22	317

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A—Continued.									
41	Labeler .....	42	\$10	Hour and piece	\$6 30	\$7 45	\$4 15	\$5 81	\$244
42	Machine operator .....	50	12	Hour .....	4 90	5 90	3 85	5 02	251
43	..do. ....	52		..do. ....	4 90	5 90	3 85	4 64	241
44	..do. ....	52		..do. ....	5 00	5 80	2 00	4 67	243
45	..do. ....	52		..do. ....	5 00	5 80	3 70	4 75	247
46	..do. ....	*	*	*	*	*	*	*	*
47	..do. ....	52		Hour .....	4 80	5 10	4 65	5 46	284
48	..do. ....	8	†	..do. ....	4 50	4 50	3 00	3 88	31
49	..do. ....	52		..do. ....	5 25	6 75	3 73	5 92	306
50	..do. ....	38	†	Hour and piece	7 10	7 35	3 35	5 06	193
51	..do. ....	32	\$20	..do. ....	7 10	7 50	5 10	5 91	189
52	..do. ....	42	\$10	..do. ....	7 80	8 90	5 55	5 95	250
53	..do. ....	45	\$7	Hour .....	7 30	7 35	3 85	6 53	294
54	..do. ....	49	\$3	..do. ....	6 75	7 65	5 75	7 02	344
55	..do. ....	46	{ \$2 \$3	..do. ....	7 40	9 08	3 55	7 28	335
56	..do. ....	48	\$4	..do. ....	6 30	8 40	4 90	5 75	276
57	Packer .....	6	†	..do. ....	3 12	3 12	3 12	3 17	19
58	..do. ....	*	*	*	*	*	*	*	*
59	..do. ....	48	†	Hour .....	4 00	4 50	3 80	3 85	185
60	..do. ....	2	†	..do. ....	*	*	*	5 50	11
61	..do. ....	44	†	..do. ....	4 65	4 90	3 15	4 42	195
62	..do. ....	22	†	..do. ....	3 75	4 60	2 50	3 55	78
63	..do. ....	49	\$3	..do. ....	2 85	3 10	2 60	2 96	145
64	..do. ....	*	*	*	*	*	*	*	*
65	..do. ....	47	{ \$4 \$1	5 Hour .....	5 90	6 15	3 35	5 51	259
66	Painter .....	*	*	*	*	*	*	*	*
67	Peeler .....	46	{ \$4 \$2	6 Hour .....	3 30	5 70	3 30	4 39	202
68	Soap worker .....	40	†	..do. ....	4 50	4 60	2 55	3 93	157
69	..do. ....	10	†	..do. ....	4 50	4 50	3 35	4 00	40
70	..do. ....	52		..do. ....	3 50	3 60	2 50	3 02	157
71	Sorter .....	49	\$	..do. ....	5 35	5 75	2 20	4 27	209
72	..do. ....	16	†	..do. ....	4 15	5 00	4 15	4 19	67
73	..do. ....	48	{ \$3 \$1	4 ..do. ....	6 00	6 25	5 50	5 94	285
74	..do. ....	49	\$3	..do. ....	5 90	7 95	2 75	5 82	285
75	..do. ....	28	{ \$2 \$1	3 ..do. ....	4 60	4 95	3 35	4 18	117
76	..do. ....	44	{ \$4 \$4	8 ..do. ....	4 50	5 05	3 35	4 93	217
77	Stacker .....	42	†	..do. ....	4 20	5 25	3 70	4 52	190
78	..do. ....	45	\$7	Hour and piece	8 45	9 60	5 90	8 29	373
79	Stuffer .....	30	†	Hour .....	4 25	5 00	4 10	4 70	141
80	Tier .....	6	†	..do. ....	4 85	4 85	3 95	4 33	26
81	..do. ....	40	\$12	Hour and piece	9 90	9 90	4 95	6 06	243
82	..do. ....	51	\$1	..do. ....	5 30	8 75	3 63	4 59	334
83	..do. ....	50	{ \$1 \$1	2 ..do. ....	5 55	9 45	5 40	5 90	295
84	..do. ....	51	\$	..do. ....	6 25	8 25	3 65	5 31	271
85	..do. ....	49	{ \$1 \$2	3 ..do. ....	7 10	8 55	4 90	7 69	377

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A—Continued.									
86	Trimmer .....	26		Hour and piece	\$ 9 25	\$10 45	\$4 80	\$ 6 92	\$180
87	..do. ....	49	{ \$1 12	3 ..do. ....	6 00	9 05	4 30	6 10	299
88	..do. ....	51	{ \$1 12	1 ..do. ....	9 00	12 40	6 90	9 37	478
89	..do. ....	51	{ \$1 12	1 ..do. ....	8 20	13 25	5 75	9 02	460
90	..do. ....	49	{ \$1 12	3 ..do. ....	6 75	10 00	4 85	8 57	420
91	..do. ....	50	{ \$1 11	2 ..do. ....	7 35	11 70	4 80	8 82	441
92	..do. ....	50	{ \$1 11	2 ..do. ....	8 20	14 05	7 75	10 04	502
93	..do. ....	49	{ \$2 12	3 ..do. ....	8 25	11 75	5 35	9 20	451
94	..do. ....	50	{ \$2 11	2 ..do. ....	10 85	12 75	4 70	8 08	404
95	..do. ....	50	{ \$1 11	2 Piece .....	7 55	11 10	5 75	8 00	400
96	..do. ....	52		Hour and piece	6 70	9 55	5 10	7 02	365
97	..do. ....	50	{ \$1 11	2 ..do. ....	12 40	12 40	6 65	9 74	487
98	..do. ....	50	{ \$1 11	2 ..do. ....	7 50	11 00	5 30	7 48	374
99	..do. ....	32	†	..do. ....	6 55	11 15	4 60	8 50	272
100	..do. ....	51	{ \$1 11	1 ..do. ....	9 65	10 40	4 50	7 90	408
101	Weigher .....	12	†	Hour .....	3 15	3 90	1 75	3 17	38
102	..do. ....	*	*	..do. ....	*	*	*	*	*
103	..do. ....	40	*	Hour .....	4 20	5 00	2 40	3 70	148
104	..do. ....	50	*	..do. ....	4 60	5 00	2 05	3 52	176
105	..do. ....	44	{ \$4 4	8 ..do. ....	5 85	6 00	3 75	5 82	256
106	..do. ....	44	{ \$4 4	8 ..do. ....	5 05	6 20	2 95	5 95	262
107	..do. ....	50	{ \$1 11	2 ..do. ....	7 40	7 55	4 15	6 44	322
108	..do. ....	52		..do. ....	7 50	9 00	7 50	7 67	399
109	..do. ....	46	{ \$4 12	6 ..do. ....	5 05	7 10	2 35	6 13	262
110	Wiper .....	20	†	..do. ....	3 90	3 90	2 60	3 30	66
111	..do. ....	26	†	..do. ....	4 50	4 50	3 35	4 15	106
112	..do. ....	49	{ \$1 12	3 ..do. ....	4 80	4 90	3 75	4 53	222
113	..do. ....	48	{ \$1 13	4 ..do. ....	4 75	4 75	2 45	4 08	196
114	..do. ....	47	{ \$2 13	5 ..do. ....	4 70	4 85	2 30	3 51	165
115	..do. ....	42	\$10	..do. ....	6 90	6 90	3 70	4 17	175
116	Wrapper .....	51	\$1	..do. ....	6 00	6 00	75	5 16	263
117	..do. ....	50	†	..do. ....	5 30	5 30	3 55	4 48	224
118	..do. ....	52	*	..do. ....	5 05	5 05	2 05	3 29	171
119	..do. ....	52	*	..do. ....	10 00	10 35	6 85	7 94	413
120	..do. ....	34	\$18	..do. ....	4 75	4 90	2 60	3 97	135



Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A—Concluded.									
121	Wrapper.....	50	$\left\{ \begin{smallmatrix} \$1 \\ 11 \end{smallmatrix} \right\}$	2 Hour.....	\$4 35	\$4 50	\$2 95	\$4 02	\$201
122	..do.....	42	$\left\{ \begin{smallmatrix} \$3 \\ 11 \end{smallmatrix} \right\}$	4 Hour and piece	4 85	6 00	4 15	5 21	219
123	..do.....	45	$\left\{ \begin{smallmatrix} \$5 \\ 12 \end{smallmatrix} \right\}$	7 ..do.....	4 00	4 05	2 10	2 84	128
124	..do.....	51	\$1	..do.....	7 05	8 85	5 05	6 80	347
125	..do.....	32	$\left\{ \begin{smallmatrix} \$3 \\ 11 \end{smallmatrix} \right\}$	4 Hour.....	3 35	4 50	2 25	3 44	110
126	..do.....	50	$\left\{ \begin{smallmatrix} \$1 \\ 11 \end{smallmatrix} \right\}$	2 ..do.....	4 80	5 95	2 50	4 14	207
127	..do.....	50	$\left\{ \begin{smallmatrix} \$1 \\ 11 \end{smallmatrix} \right\}$	2 Hour and piece	6 60	8 05	5 70	7 02	351
128	..do.....	48	$\left\{ \begin{smallmatrix} \$2 \\ 12 \end{smallmatrix} \right\}$	4 Hour.....	5 25	7 75	2 75	6 40	307
129	..do.....	38	\$14	..do.....	4 40	8 20	3 85	5 89	224
130	..do.....	30	\$22	..do.....	6 50	6 80	4 25	6 70	201
131	..do.....	40	\$12	Hour.....	4 60	4 95	3 00	4 15	166
132	..do.....	50	$\left\{ \begin{smallmatrix} \$1 \\ 11 \end{smallmatrix} \right\}$	2 ..do.....	5 00	6 15	4 00	5 82	291
133	..do.....	51	\$1	..do.....	5 60	6 10	4 85	5 98	305
134	..do.....	50	$\left\{ \begin{smallmatrix} \$1 \\ 11 \end{smallmatrix} \right\}$	2 ..do.....	4 85	5 10	3 00	4 42	221
135	..do.....	50	$\left\{ \begin{smallmatrix} \$1 \\ 11 \end{smallmatrix} \right\}$	2 ..do.....	4 90	5 00	4 05	5 02	251
136	..do.....	49	$\left\{ \begin{smallmatrix} \$1 \\ 12 \end{smallmatrix} \right\}$	3 Hour and piece	7 05	11 95	3 10	8 16	400
137	..do.....	50	$\left\{ \begin{smallmatrix} \$1 \\ 11 \end{smallmatrix} \right\}$	2 ..do.....	7 05	12 70	4 85	7 30	365
138	..do.....	51	\$1	..do.....	7 05	12 70	4 15	8 16	416
139	..do.....	32	\$20	Piece.....	7 55	13 25	4 60	6 50	208
140	..do.....	51	\$1	..do.....	6 10	13 25	4 60	7 63	389
ESTABLISHMENT B.									
1	Assistant.....	7	*	† Week.....	*	\$ 5 00	\$ 1 65	\$ 4 14	\$ 29
2	..do.....	33	*	† ..do.....	*	4 50	3 25	4 18	139
3	Capper.....	16	*	† Hour.....	\$ 6 90	6 90	3 40	6 13	98
4	..do.....	48	$\left\{ \begin{smallmatrix} \$3 \\ 11 \end{smallmatrix} \right\}$	4 ..do.....	6 90	7 00	1 15	6 46	310
5	..do.....	*	*	*	*	*	*	*	*
6	..do.....	49	\$8	Hour.....	*	5 00	3 35	4 00	196
7	..do.....	49	*	..do.....	*	6 90	4 90	6 14	311
8	..do.....	51	*	..do.....	*	6 90	4 25	6 45	329
9	..do.....	41	\$11	..do.....	*	7 30	3 35	6 15	252
10	Chipper.....	51	\$	..do.....	5 00	6 00	3 75	5 35	273
11	Clerk.....	51	\$	..do.....	6 50	6 65	4 95	5 96	299
12	Creaser.....	*	*	*	*	*	*	*	*
13	..do.....	7	*	† Hour.....	5 00	5 00	4 10	4 43	31
14	..do.....	12	*	† ..do.....	4 50	4 50	1 55	4 00	48
15	..do.....	8	*	† Piece.....	*	5 00	4 15	4 63	37
16	Elevator girl.....	50	\$2	Hour.....	*	6 00	4 50	5 26	263
17	Feeder.....	2	*	† ..do.....	*	*	*	4 00	8
18	..do.....	*	*	..do.....	*	*	*	*	*
19	..do.....	52	*	..do.....	6 00	6 00	75	5 46	284
20	..do.....	52	*	..do.....	6 00	6 00	2 65	5 21	271

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks em- ployed during year.	
						Highest.	Lowest.			
ESTABLISHMENT B—Continued.										
21	Feeder .....	48	14	Hour .....	*	\$ 9 90	\$2 25	\$ 4 98	\$239	
22	..do. ....	18	34	..do. ....	*	5 00	3 00	4 50	81	
23	Filler.....	6	†	..do. ....	\$ 5 00	5 00	3 30	4 33	26	
24	..do. ....	48	11	4 ..do. ....	5 00	5 00	1 65	4 96	238	
25	..do. ....	19	†	..do. ....	4 15	5 00	1 65	3 90	74	
26	..do. ....	10	†	..do. ....	*	5 00	2 50	3 90	39	
27	Inspector.....	46	12	5 ..do. ....	6 00	6 50	4 85	6 07	279	
28	Labeler.....	50	1	2 ..do. ....	4 60	6 00	2 00	3 88	194	
29	..do. ....	38	†	..do. ....	4 15	5 00	1 00	2 05	78	
30	..do. ....	47	12	5 ..do. ....	8 65	12 45	3 80	8 51	400	
31	..do. ....	49	15	3 ..do. ....	7 35	10 90	2 45	8 31	407	
32	..do. ....	50	25	..do. ....	8 95	15 50	6 20	9 38	469	
33	..do. ....	49	25	3 ..do. ....	7 35	10 90	2 45	8 51	417	
34	..do. ....	49	25	3 ..do. ....	8 50	13 75	5 20	9 67	474	
35	..do. ....	49	25	3 ..do. ....	8 50	13 75	6 00	9 67	474	
36	..do. ....	51	15	..do. ....	9 60	13 80	4 70	10 41	531	
37	..do. ....	43	9	..do. ....	*	13 90	6 00	8 49	365	
38	..do. ....	51	1*	..do. ....	*	11 90	4 45	7 63	389	
39	..do. ....	51	1*	..do. ....	*	11 75	5 10	8 96	457	
40	..do. ....	30	22*	..do. ....	*	6 00	3 30	5 17	155	
41	..do. ....	38	14	..do. ....	*	14 25	4 45	10 08	383	
42	Machine operator.....	31	†	..do. ....	7 50	7 50	2 50	5 71	177	
43	..do. ....	46	15	6 ..do. ....	4 50	6 00	3 50	5 59	257	
44	..do. ....	39	13*	..do. ....	*	9 65	3 35	5 46	213	
45	..do. ....	37	15*	..do. ....	*	6 00	4 70	5 38	199	
46	..do. ....	39	135	..do. ....	*	5 00	5 15	4 44	173	
47	..do. ....	*	*	..do. ....	*	*	*	*	*	
48	..do. ....	31	21*	Hour .....	3 35	5 40	3 35	4 51	149	
49	Matron.....	50	2*	..do. ....	*	6 50	3 50	3 58	179	
50	Packer.....	49	12	3 ..do. ....	*	6 00	4 00	5 57	273	
51	Painter.....	44	15	8 ..do. ....	*	6 00	3 70	5 48	241	
52	..do. ....	50	15	2 ..do. ....	*	7 95	3 45	5 88	294	
53	..do. ....	50	25	..do. ....	12 00	17 55	6 60	14 02	701	
54	..do. ....	38	145	..do. ....	10 25	12 15	2 45	8 53	324	
55	..do. ....	50	15	2 ..do. ....	8 55	12 85	6 30	9 74	487	
56	..do. ....	24	28*	..do. ....	*	13 15	6 35	8 71	209	
57	..do. ....	49	3*	..do. ....	*	14 00	5 40	10 65	522	
58	..do. ....	4	†	..do. ....	1	10 10	7 70	8 50	34	
59	Racker.....	5	†	..do. ....	*	5 00	4 15	4 60	23	
60	Seamer.....	49	35	..do. ....	6 60	9 10	5 00	7 73	379	

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT B—Continued.									
61	Seamer.....	48	$\frac{38}{11}$	4 Hour.....	\$6 00	\$ 6 00	\$2 40	\$5 08	\$244
62	Setter.....	50	$\frac{28}{11}$	do.....	4 50	5 65	2 75	4 90	245
63	Solderer.....	50	$\frac{28}{11}$	do.....	6 90	6 90	1 65	4 08	204
64	Stacker.....	18	$\frac{1}{11}$	do.....	6 00	6 00	1 00	5 56	82
65	do.....	4	$\frac{1}{11}$	do.....	6 00	*	*	5 00	20
66	do.....	50	$\frac{28}{11}$	do.....	4 90	6 00	3 00	5 80	290
67	do.....	49	$\frac{28}{11}$	3 do.....	6 00	9 55	2 50	6 63	325
68	do.....	10	$\frac{1}{11}$	do.....	*	*	*	3 80	38
69	do.....	39	$\frac{13}{11}$	do.....	*	4 50	3 35	4 18	163
70	do.....	1	$\frac{1}{11}$	Week.....	*	4 00	4 00	4 00	4
71	do.....	49	$\frac{42}{11}$	3 Hour.....	6 00	6 00	2 95	5 49	269
72	do.....	*	$\frac{1}{11}$	do.....	*	*	*	*	*
73	Stamper.....	50	$\frac{42}{11}$	Hour.....	5 00	5 00	3 95	4 60	230
74	Stuffer.....	44	$\frac{38}{11}$	do.....	7 50	7 50	2 50	7 25	319
75	do.....	32	$\frac{43}{11}$	4 do.....	5 50	5 50	3 35	4 91	157
76	do.....	50	$\frac{42}{11}$	do.....	5 00	5 65	3 60	4 90	245
77	do.....	26	$\frac{26}{11}$	do.....	5 00	6 90	4 15	5 23	136
78	do.....	14	$\frac{1}{11}$	do.....	5 00	5 00	3 75	4 43	62
79	do.....	30	$\frac{1}{11}$	do.....	5 35	10 30	2 20	7 30	219
80	do.....	47	$\frac{43}{11}$	5 do.....	5 00	6 20	3 05	5 21	245
81	do.....	48	$\frac{44}{11}$	do.....	6 90	6 98	3 15	6 92	332
82	do.....	50	$\frac{42}{11}$	do.....	6 90	6 90	4 30	6 46	323
83	do.....	46	$\frac{45}{11}$	6 do.....	6 90	6 90	1 25	5 85	269
84	do.....	50	$\frac{42}{11}$	do.....	7 40	8 15	2 25	5 38	269
85	do.....	50	$\frac{41}{11}$	2 do.....	7 40	8 75	4 15	5 56	278
86	do.....	47	$\frac{44}{11}$	5 do.....	*	12 35	2 80	8 00	376
87	do.....	*	$\frac{1}{11}$	do.....	*	*	*	*	*
88	do.....	24	$\frac{1}{11}$	Hour.....	4 50	6 00	4 05	4 88	117
89	do.....	50	$\frac{42}{11}$	do.....	6 00	6 55	3 15	5 80	290
90	do.....	45	$\frac{41}{11}$	7 do.....	6 60	6 00	4 45	6 04	272
91	do.....	49	$\frac{42}{11}$	3 do.....	6 00	6 00	3 00	5 92	290
92	do.....	50	$\frac{42}{11}$	do.....	3 75	6 00	3 75	5 68	264
93	do.....	49	$\frac{43}{11}$	do.....	*	7 50	3 25	5 35	262
94	Sweeper.....	50	$\frac{42}{11}$	do.....	*	6 60	4 85	5 84	292
95	do.....	27	$\frac{25}{11}$	do.....	*	6 00	3 35	4 41	119
96	Tin worker.....	29	$\frac{23}{11}$	do.....	*	4 50	3 50	3 76	109
97	Trimmer.....	30	$\frac{22}{11}$	do.....	5 00	5 00	2 15	4 40	132
98	do.....	16	$\frac{1}{11}$	do.....	*	5 00	3 95	4 75	76
99	do.....	50	$\frac{42}{11}$	do.....	6 00	6 00	4 35	5 86	294
100	do.....	49	$\frac{43}{11}$	do.....	6 00	6 00	3 35	5 45	267

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT B—Concluded.									
101	Trimmer .....	47	\$3 13	5 Hour .....	\$ 5 00	\$ 5 00	\$1 60	\$ 4 64	\$218
102	..do. ....	49	\$2 11	3 ..do. ....	*	5 00	1 25	4 27	289
103	..do. ....	49	\$2 11	3 ..do. ....	5 00	5 00	3 85	4 63	227
104	..do. ....	50	\$2	..do. ....	6 00	6 00	3 80	5 62	276
105	..do. ....	48	\$3 11	4 ..do. ....	3 75	5 00	2 50	4 92	236
106	..do. ....	49	\$3	..do. ....	3 75	5 00	3 20	4 90	240
107	..do. ....	51	*1	..do. ....	*	6 00	4 20	5 63	287
108	..do. ....	17	†	..do. ....	*	5 00	4 15	4 47	76
109	..do. ....	25	*27	..do. ....	*	4 50	2 90	3 92	98
110	..do. ....	8	†	..do. ....	*	5 00	2 50	4 38	35
111	..do. ....	51	*1	..do. ....	*	5 00	2 80	4 12	210
112	..do. ....	19	\$33	..do. ....	*	5 90	4 15	4 47	85
113	Washer .....	51	*1	..do. ....	*	6 65	4 00	5 73	292
114	..do. ....	24	*28	..do. ....	*	6 65	4 50	5 64	133
115	..do. ....	49	\$3	..do. ....	*	6 45	3 35	5 06	249
116	Weigher .....	44	\$8	..do. ....	7 50	7 50	2 50	7 23	318
117	..do. ....	28	†	..do. ....	5 00	6 90	1 65	4 61	129
118	..do. ....	50	\$2	..do. ....	5 50	5 50	4 25	5 42	271
119	..do. ....	50	\$2	..do. ....	6 00	8 00	4 70	7 96	393
120	..do. ....	50	\$2	..do. ....	5 00	5 00	4 05	4 90	245
121	..do. ....	45	\$7	..do. ....	6 00	6 00	1 25	5 11	230
122	..do. ....	49	\$2 11	3 ..do. ....	6 00	6 00	4 50	5 49	269
123	..do. ....	46	*6	..do. ....	*	6 00	3 35	4 98	229
124	..do. ....	47	*15	..do. ....	*	7 50	2 50	5 38	253
125	..do. ....	35	*17	..do. ....	*	6 90	4 50	6 11	214
126	Wiper .....	6	†	..do. ....	*	6 90	4 40	5 17	31
127	..do. ....	44	\$6 12	8 ..do. ....	6 00	6 00	3 70	5 18	228
128	..do. ....	47	\$3 12	5 ..do. ....	3 75	*	*	5 49	258
129	Wrapper .....	46	\$5 11	6 ..do. ....	11 01	15 20	7 05	11 00	506
130	..do. ....	49	\$2 11	3 ..do. ....	6 25	9 25	3 75	7 53	369
131	..do. ....	48	\$1 13	4 ..do. ....	8 00	10 70	6 00	8 62	409
132	..do. ....	48	\$13 11	4 ..do. ....	8 00	14 45	5 20	9 81	471
133	..do. ....	20	†	..do. ....	7 65	11 05	3 85	7 75	155
134	..do. ....	37	†	..do. ....	10 50	12 55	1 95	8 19	303
135	..do. ....	50	\$2	..do. ....	10 05	17 75	5 75	13 28	664
136	..do. ....	50	\$2	..do. ....	10 05	19 00	5 75	13 22	661
137	..do. ....	50	\$2	..do. ....	8 85	12 45	4 30	9 12	456
138	..do. ....	19	\$33	..do. ....	*	12 60	5 30	9 42	179
ESTABLISHMENT C.									
1	Assistant .....	22	†	Day .....	*	10 05	4 90	6 91	152
2	Beef extract worker .....	18	†	..do. ....	*	5 30	3 50	4 63	87
3	Copper .....	51	*1	..do. ....	*	5 60	3 35	4 61	235
4	Casing worker .....	13	†	..do. ....	*	6 00	3 65	5 23	68
5	Feeder .....	4	†	..do. ....	*	4 95	4 00	4 75	19

Table 32—Continued.

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT C—Continued.									
6	Feeder .....	5	†	Day .....	*	\$5 95	\$4 85	\$5 40	\$ 27
7	..do. ....	8	†	..do. ....	*	5 25	1 45	3 75	30
8	..do. ....	32		Week .....	\$6 00	8 25	4 90	6 15	320
9	..do. ....	21	†	Day .....	*	4 95	3 45	4 48	94
10	..do. ....	18	†	Week .....	*	4 00	2 10	3 72	87
11	..do. ....	12	†	Day .....	*	5 80	1 80	4 92	59
12	Glue stripper .....	23	†	..do. ....	*	7 05	1 35	4 35	100
13	Inspector .....	52		..do. ....	*	7 95	3 30	6 88	358
14	Ironing .....	31	†	Day .....	*	6 20	4 90	5 55	172
15	Labeler .....	18	\$3	..do. ....	*	7 00	2 50	5 56	100
16	Labeler .....	41	\$11	Day .....	*	8 60	3 55	4 66	191
17	..do. ....	11	†	Week .....	*	8 80	4 85	7 18	79
18	..do. ....	51	\$1	Piece .....	*	11 90	6 50	9 33	476
19	Linker .....	7	†	Day .....	*	9 10	3 35	6 00	42
20	..do. ....	35	†	Piece .....	*	8 45	2 00	5 46	191
21	..do. ....	23	†	..do. ....	*	8 10	1 90	6 26	144
22	..do. ....	12	†	Day .....	*	8 40	3 65	6 58	79
23	..do. ....	48	\$4	..do. ....	*	8 85	2 55	4 65	223
24	Machine operator .....	52		..do. ....	*	5 85	4 45	5 06	263
25	..do. ....	51	\$1	..do. ....	*	7 05	4 70	5 53	282
26	..do. ....	49	\$3	Piece .....	*	10 05	4 25	6 10	299
27	..do. ....	15	†	Day .....	*	7 50	1 25	5 93	89
28	..do. ....	10	†	..do. ....	*	7 35	4 00	5 40	54
29	Matron .....	43	\$9	..do. ....	*	6 70	5 40	4 98	214
30	..do. ....	51	\$1	..do. ....	*	7 90	4 75	6 00	306
31	Mince worker .....	25	†	..do. ....	*	5 10	85	3 92	98
32	..do. ....	34	\$18	Piece .....	*	7 65	2 95	6 15	209
33	Packer .....	28	†	Day .....	*	6 55	3 50	5 61	129
34	..do. ....	52		..do. ....	*	6 55	3 50	5 48	285
35	..do. ....	30	\$22	..do. ....	*	7 05	2 00	4 93	148
36	..do. ....	34	†	..do. ....	*	6 20	2 65	4 88	166
37	..do. ....	38	†	..do. ....	*	6 30	2 50	4 61	175
38	..do. ....	48	\$4	..do. ....	*	5 10	3 35	4 56	219
39	..do. ....	51	\$1	..do. ....	*	5 60	85	4 65	237
40	..do. ....	49	\$13	..do. ....	*	6 75	4 05	4 92	241
41	..do. ....	36	\$16	..do. ....	*	6 60	90	4 83	174
42	..do. ....	51	\$1	Piece .....	*	12 30	7 10	8 92	455
43	..do. ....	12	†	Hour .....	*	8 80	4 85	7 08	85
44	Painter .....	49	\$3	Piece .....	*	11 20	2 70	7 47	366
45	..do. ....	23	†	..do. ....	*	11 40	5 30	8 30	191
46	..do. ....	49	\$13	..do. ....	*	11 70	7 20	8 49	416
47	..do. ....	24	†	..do. ....	*	7 55	3 10	5 00	120
48	..do. ....	39	\$13	..do. ....	*	9 00	3 45	5 74	224
49	Paperer .....	10	†	Day .....	*	4 90	2 85	4 60	46
50	Scaler .....	46	\$6	..do. ....	*	9 35	4 05	6 04	278
51	..do. ....	45	\$7	..do. ....	*	7 40	3 55	5 60	252
52	Solderer .....	48	†	Piece .....	*	14 05	3 10	6 40	307
53	..do. ....	47	\$5	Hour .....	*	11 10	3 45	6 15	289
54	..do. ....	47	\$5	Piece .....	*	13 30	2 80	8 38	394
55	..do. ....	45	\$7	..do. ....	*	10 30	40	3 93	177

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT C—Concluded.									
56	Sorter.	45	2	Day	*	\$ 6 35	\$5 10	\$5 58	251
57	Stacker.	23	†	do.	*	7 00	1 65	4 48	103
58	Stringer.	50	\$2	do.	*	6 45	3 00	5 40	270
59	do.	19	†	Week.	\$6 00	6 45	5 00	5 89	112
60	do.	18	†	Day	*	6 10	3 10	5 08	66
61	Stuffer.	51	\$1	do.	6 00	6 45	2 30	5 57	284
62	do.	49	*3	do.	6 00	6 00	2 90	5 49	269
63	Talley girl.	51	\$1	do.	*	5 10	4 15	4 76	243
64	Trimmer.	42	\$10	do.	*	9 40	4 25	6 64	279
65	do.	4	†	do.	*	4 90	4 15	4 50	18
66	Trimmer.	8	†	Day	*	4 90	2 40	4 18	33
67	do.	16	†	do.	3 35	5 15	*	3 88	62
68	do.	33	†	do.	*	6 60	1 25	4 64	153
69	do.	15	†	Piece.	*	6 95	2 60	4 67	70
70	Washer.	52	*	Day	*	6 00	3 50	5 71	297
71	Wrapper.	48	\$4	do.	*	6 70	1 30	4 54	218
ESTABLISHMENT D.									
1	Egg candler.	52		Hour.	6 10	8 00	5 85	6 75	351
2	do.	52		do.	6 10	8 00	5 85	6 46	336
3	do.	52		do.	5 50	8 00	5 50	6 75	351
4	do.	52		do.	5 00	8 00	5 00	6 15	320
5	do.	52		Piece.	7 60	8 00	5 85	6 79	353
6	Helper.	52		do.	6 00	7 90	4 00	5 73	296
7	Laundress.	52		Hour.	6 00	6 00	6 00	6 00	312
8	do.	52		do.	6 00	6 00	6 00	6 00	312
9	Linker.	52		Piece.	6 00	8 60	5 00	5 92	306
10	do.	52		do.	7 10	9 40	4 35	6 77	352
11	do.	52		do.	7 00	10 35	4 55	6 88	358
12	do.	52		do.	5 70	10 20	4 25	6 60	343
13	Machine operator.	52		do.	4 80	12 60	4 80	7 17	373
14	do.	52		do.	11 25	15 50	5 00	11 33	589
15	do.	52		do.	7 95	12 90	6 40	8 10	421
16	Packer.	52		do.	6 40	8 50	5 00	6 33	329
17	do.	52		Hour.	5 70	6 60	4 20	5 71	297
18	do.	52		do.	6 00	7 05	4 70	5 88	306
19	Soap cutter.	48	†4	Piece.	6 00	7 30	4 00	5 75	276
20	do.	52		do.	6 00	6 90	4 50	5 92	306
21	do.	52		do.	6 00	8 70	4 00	5 83	303
22	Soap worker.	52		Hour.	6 50	7 60	4 10	6 00	312
23	do.	52		Piece.	8 10	9 35	6 50	7 88	410
24	do.	52		do.	7 71	9 10	5 50	7 46	388
25	Stock keeper.	52		do.	8 00	9 60	6 40	7 54	392
26	Wrapper.	52		do.	6 80	9 70	5 45	6 56	341
27	do.	52		do.	6 00	7 60	4 90	5 77	300
28	do.	52		do.	7 45	8 95	5 50	7 12	370
29	do.	52		do.	8 25	8 30	4 00	6 19	322
30	do.	52		do.	10 85	10 90	5 10	8 69	452

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT D—Concluded.									
31	Wrapper.....	52		Piece.....	\$ 8 20	\$ 9 10	\$4 00	\$ 7 33	\$381
32	..do.....	52		..do.....	6 50	8 90	4 90	5 98	311
33	..do.....	52		..do.....	8 25	9 60	4 50	6 83	355
34	..do.....	52		..do.....	6 85	7 90	4 40	6 60	343
35	..do.....	52		..do.....	7 50	11 30	4 85	8 08	420
36	..do.....	49		\$3 ..do.....	8 00	9 50	4 55	5 88	288
37	..do.....	52		..do.....	10 10	12 30	5 60	9 35	496
38	..do.....	52		..do.....	9 30	11 10	5 00	7 48	389
39	..do.....	52		..do.....	8 00	10 90	4 40	6 71	349
40	..do.....	52		..do.....	8 25	12 55	4 20	8 52	443
41	..do.....	52		..do.....	6 00	7 90	3 50	5 73	298
42	..do.....	52		Hour and piece	8 05	9 50	3 90	6 27	326
43	..do.....	24	†	Hour.....	8 05	8 05	3 70	6 38	153
44	..do.....	52		Piece.....	8 05	9 50	5 10	6 25	325
45	..do.....	52		Hour.....	5 90	7 90	5 00	6 42	334
46	..do.....	52		..do.....	6 55	7 60	5 40	6 38	332
47	..do.....	52		..do.....	6 40	7 90	5 50	6 33	329
48	..do.....	52		..do.....	5 90	7 85	5 20	6 29	327
49	..do.....	52		..do.....	6 65	7 60	5 90	6 50	338
ESTABLISHMENT E.									
1	Filler.....	52		Piece.....	11 82	12 65	2 87	7 85	408
2	Helper.....	12	†	Hour.....	6 00	6 15	4 85	5 17	62
3	..do.....	11	†	..do.....	6 00	6 00	5 00	5 55	61
4	Labeler.....	52		Piece.....	8 99	12 65	4 84	8 44	439
5	..do.....	9	†	..do.....	8 00	12 35	5 80	8 33	75
6	..do.....	52		..do.....	12 45	19 60	5 35	11 29	587
7	..do.....	52		..do.....	11 95	18 35	3 60	9 60	499
8	Linker.....	52		..do.....	11 80	12 65	5 80	7 96	414
9	Machine operator	52		Hour.....	8 30	10 60	5 00	7 15	372
10	Packer.....	50		\$2 ..do.....	7 00	14 45	3 80	8 64	432
11	Painter.....	52		Piece.....	7 80	17 45	5 05	9 92	516
12	..do.....	12	†	..do.....	7 75	13 50	7 10	9 38	112
13	..do.....	52		..do.....	9 10	17 45	5 40	10 48	545
14	Scaler.....	51	†	Hour.....	8 40	11 10	2 25	5 75	293
15	..do.....	52		..do.....	5 40	9 55	2 90	5 25	273
16	..do.....	18	*	..do.....	5 40	6 20	2 40	5 00	90
17	Stamper.....	11	†	..do.....	7 90	7 70	4 55	5 27	58
18	Stuffer.....	22	†	..do.....	4 60	4 85	2 60	3 64	80
19	Tally girl.....	11	†	..do.....	6 25	6 25	2 00	4 64	51
20	Trimmer.....	40	†	Piece.....	7 50	8 75	4 25	6 75	270
21	..do.....	20	†	..do.....	7 65	8 35	5 00	5 50	110
22	..do.....	21	†	..do.....	7 75	10 90	3 45	5 86	123
23	..do.....	52		..do.....	7 85	13 85	2 65	6 06	315
24	..do.....	52		..do.....	11 15	17 90	4 10	7 27	378
25	..do.....	37	†	Hour.....	5 50	6 10	3 08	5 46	202
26	..do.....	10	†	..do.....	4 75	5 60	3 65	4 60	46
27	Wrapper.....	52		Piece.....	10 85	16 15	4 80	10 40	541

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
ESTABLISHMENT F.										
1	Filler .....	46		\$6 Piece .....	7 00	11 20	4 10	8 22	378	
2	Feeder .....	3		† Hour .....	5 40	5 55	4 25	5 00	15	
3	Inspector .....	12		† Piece .....	11 20	13 05	5 40	9 17	110	
4	Linker .....	10		† Hour .....	7 50	7 50	6 10	7 10	71	
5	Packer .....	49		† Piece .....	5 50	7 25	5 00	5 90	239	
6	Painter .....	36	{ \$ 4 12	16 Piece .....	11 60	13 70	2 50	7 78	230	
7	do .....	25		† do .....	13 75	15 40	2 20	10 24	256	
8	Scaler .....	38		† Hour .....	5 40	5 65	3 50	4 84	184	
9	Trimmer .....	12		† Piece .....	9 65	11 55	5 95	7 53	91	
10	do .....	52		† do .....	12 25	13 50	4 70	9 46	492	
11	do .....	14		† do .....	11 85	14 25	6 85	10 14	142	
12	Wrapper .....	28		† do .....	8 00	11 05	3 58	6 75	189	
13	do .....	28		† do .....	8 00	11 05	2 50	6 75	189	
14	do .....	3		† do .....	11 15	11 15	7 00	8 67	26	
ESTABLISHMENT G.										
1	Linker .....	12		† Hour .....	6 00	6 50	4 30	4 92	59	
2	Sausage maker .....	30		† do .....	6 00	6 50	4 30	5 60	168	
3	do .....	33		† do .....	6 00	8 00	5 00	7 18	237	
4	do .....	13		† do .....	6 00	6 30	4 30	5 15	67	
5	Trimmer .....	35		† Piece .....	8 62	9 50	3 10	6 31	221	
6	do .....	21		† do .....	8 75	10 35	3 15	6 19	130	
7	do .....	28		† do .....	5 60	7 60	2 55	4 39	123	
8	do .....	8		† do .....	4 10	7 40	3 75	4 25	34	
9	do .....	51		\$1 do .....	9 30	10 30	2 95	6 04	308	
10	do .....	52		do .....	12 35	17 05	5 00	9 60	499	
11	do .....	47	{ \$1 4	5 do .....	8 05	8 45	3 00	5 30	249	
12	do .....	22		† do .....	*	9 45	3 35	5 68	125	

\* Not given, † Began work, ‡ Sickness, § No work, || At home, ¶ Vacation, ° Accident

### METAL GOODS.

This industry employs a large number of persons, mostly men. A great difference was found to exist between the two larger plants in regard to sanitary conditions and conveniences for the workers.

In one, which is new, clean, light and airy, there are lunch and resting rooms of which the workers are very proud. They are supplied with a piano, rugs on the floor, rocking chairs, lounges with pillows; books will soon be added. Every effort is made to protect and elevate those of the employes who are worthy and well disposed, others soon leave. In another nothing of this kind exists and the sanitation and general conditions are bad and unclean and machinery is not well safe-guarded.



Table 32—Continued.

Two of the plants manufacture cores for foundries. The third is a small plant manufacturing pins. The work of women and girls is assisting at baking cores, running punching, edging and forming machines, cutting and bending wire, soldering, polishing, inspecting, stacking, etc. Slight accidents are numerous and often fingers are cut off or mutilated; a doctor and nurse attend to injuries. Some of the workers are allowed to rest during working hours and a place is provided for the sick; no allowance is made for time lost. Some of the work can be done sitting and seats are furnished.

Some time ago nearly all workers in one plant were attacked by stomach trouble; a specialist was employed to examine the sanitary conditions, the decision was, that a water tank, which had been recently moved, was the cause of the trouble and it was immediately destroyed.

**METAL GOODS—Three Establishments—Possible Working Time 52 Weeks. Working Hours in A, 10, from 7:00 a. m. to 5:45 p. m. B, 9 5-6, from 7:10 a. m. to 5:30 p. m. C, 9 1-2, from 7:30 a. m. to 5:30 p. m. A Allows Forty-five Minutes and B and C Thirty Minutes for Midday Lunch. Wages Paid Weekly in B and C, Semi-Monthly in A. Buildings, A Five Stories, B Seven and C One. All Except C have Elevators and Stairways.**

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
ESTABLISHMENT A.										
1	Bender.....	26		Piece.....	\$ 3 00	\$ 3 50	\$ 2 40	\$ 3 15	\$ 82	
2	Crimper.....	46	16	..do.....	5 45	7 45	2 90	4 78	220	
3	..do.....	44	15	..do.....	6 90	8 10	4 25	5 14	226	
4	..do.....	40	112	..do.....	4 00	5 55	3 00	3 32	188	
5	Edger.....	20	131	..do.....	10 37	12 45	5 25	7 10	142	
6	Feeder.....	18	122	..do.....	5 05	5 10	4 05	4 50	81	
7	..do.....	5		..do.....	*	10 25	4 12	9 00	45	
8	..do.....	26		Week.....	*	8 82	6 06	6 61	172	
9	..do.....	24		..do.....	*	6 32	5 00	5 16	124	
10	..do.....	26		..do.....	*	10 27	5 02	6 65	173	
11	..do.....	21	129	Piece.....	3 00	5 00	3 00	3 19	67	
12	Machine operator.....	52		..do.....	9 10	14 65	5 20	8 96	466	
13	..do.....	52		..do.....	11 75	13 85	3 20	8 54	444	
14	..do.....	52		..do.....	11 55	15 65	3 30	7 86	409	
15	..do.....	39	118	..do.....	8 97	12 22	4 60	6 92	270	
16	..do.....	52		..do.....	11 30	14 25	8 10	9 52	495	
17	..do.....	41	111	..do.....	12 40	15 15	3 25	6 34	260	
18	..do.....	52		..do.....	11 75	15 63	6 60	9 06	472	
19	..do.....	52		..do.....	8 97	8 97	4 35	6 13	319	
20	..do.....	23		..do.....	*	9 75	7 57	8 52	196	

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A—Continued.									
21	Machine operator .....	25		Piece .....	*	\$ 9 35	\$ 4 35	\$ 6 68	\$167
22	do. ....	25		do. ....	*	11 35	7 96	8 32	208
23	do. ....	10		do. ....	*	8 15	5 40	7 10	71
24	do. ....	26		do. ....	*	13 05	9 75	10 50	273
25	do. ....	23		do. ....	*	8 07	2 50	4 70	108
26	do. ....	10		do. ....	7 05	7 05	5 05	5 70	57
27	do. ....	15		do. ....	13 50	13 50	6 50	7 53	113
28	do. ....	26		do. ....	*	10 16	5 35	7 08	184
29	do. ....	13		do. ....	*	4 35	2 50	3 69	48
30	do. ....	24		do. ....	7 00	8 06	3 06	5 96	143
31	do. ....	8		do. ....	*	3 96	3 20	3 00	24
32	do. ....	26		do. ....	*	15 33	11 00	11 84	308
33	do. ....	26		do. ....	*	8 72	6 30	6 77	176
34	do. ....	*		*					
35	do. ....	*		*					
36	do. ....	20		Piece .....	*	15 32	4 27	6 90	138
37	do. ....	4		do. ....	*	7 77	5 75	6 75	27
38	do. ....	22		do. ....	*	12 87	4 65	7 28	159
39	do. ....	16		do. ....	*	8 95	3 72	5 94	95
40	do. ....	20		do. ....	*	9 12	6 10	6 65	133
41	do. ....	16		do. ....	*	6 02	3 69	4 19	67
42	do. ....	24		do. ....	*	8 00	7 50	7 71	185
43	do. ....	24		do. ....	*	16 00	9 00	12 87	309
44	do. ....	50		do. ....	11 87	11 87	7 00	7 98	394
45	Oiler .....	26		Day .....	6 35	6 35	5 00	5 35	139
46	Packer .....	22		*	5 25	5 25	2 45	4 23	93
47	do. ....	*		*					*
48	Painter .....	44		Piece .....	5 10	9 32	5 05	6 14	270
49	do. ....	52		do. ....	6 05	8 00	5 00	5 52	287
50	do. ....	52		do. ....	6 20	9 40	4 60	6 42	334
51	Retoucher .....	50		do. ....	5 90	7 15	2 80	4 82	241
52	Seamer .....	38	14	do. ....	7 10	8 00	2 20	4 34	165
53	do. ....	48	14	do. ....	10 12	10 12	4 42	6 33	304
54	Solderer .....	38		do. ....	9 90	10 70	5 90	7 25	275
55	do. ....	52		do. ....	9 65	9 65	4 82	6 26	325
56	do. ....	48	14	do. ....	9 45	9 45	4 13	5 23	251
57	do. ....	48	14	do. ....	6 40	8 00	3 50	4 73	227
58	do. ....	50	12	do. ....	7 90	9 05	4 25	6 40	320
59	do. ....	38	14	do. ....	7 75	8 65	3 40	5 32	202
60	Sorter .....	21		do. ....	*	6 75	5 05	6 86	144
61	do. ....	3		Day .....	4 05	5 05	3 65	4 33	13
62	do. ....	26		do. ....	*	4 65	4 00	4 15	108
63	do. ....	26		Piece .....	*	16 65	9 20	11 77	306
64	do. ....	25		Day .....	*	7 80	5 07	5 84	146
65	do. ....	*		*	*	*	*	*	*
66	do. ....	*		*	*	*	*	*	*
67	do. ....	25		Piece .....		21 45	12 87	15 28	382
68	do. ....	20		do. ....		10 42	6 60	7 60	152
69	do. ....	24		do. ....		6 00	4 50	5 16	124
70	do. ....	24		do. ....		8 00	5 00	6 62	159

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A—Concluded.									
71	Sorter.....	6		Piece.....	\$ 5 42	\$ 4 50	\$ 5 00	\$ 30	
72	Spreader.....	52		Piece.....	8 90	9 32	4 08	5 98	
73	do.....	52		do.....	8 72	8 93	4 75	6 17	
74	Stacker.....	36	116	Piece.....	4 10	4 10	2 50	2 78	
75	Stenciler.....	50	72	do.....	5 15	6 33	3 25	3 92	
76	Topper.....	50	72	do.....	4 45	5 00	3 50	3 72	
77	Trimmer.....	24		do.....	8 45	8 50	5 00	6 00	
78	do.....	24		do.....		16 50	2 77	6 46	
79	do.....	24		do.....	*	7 87	2 50	4 87	
ESTABLISHMENT B.									
1	Bufér.....	51	1	Piece.....	6 00	7 05	4 50	5 88	
2	do.....	51	1	do.....	10 00	11 20	5 30	7 55	
3	do.....	51	1	do.....	6 00	6 50	4 00	5 39	
4	do.....	51	1	do.....	5 50	10 60	5 50	8 16	
5	do.....	51	1	do.....	5 50	8 00	5 15	6 33	
6	do.....	51	1	do.....	6 00	6 50	4 00	5 47	
7	do.....	51	1	do.....	7 60	8 00	3 65	5 92	
8	do.....	30	2	do.....	4 00	7 50	4 20	5 78	
9	Core maker.....	49	3	do.....	11 00	11 35	7 55	9 06	
10	do.....	48	4	Piece.....	9 40	9 40	5 50	6 38	
11	do.....	49	2	do.....	10 00	10 05	6 05	7 41	
12	do.....	50	2	do.....	7 25	10 35	5 35	7 82	
13	do.....	50	2	do.....	9 85	9 85	5 80	7 76	
14	do.....	49	3	do.....	11 50	11 50	5 35	8 65	
15	do.....	50	2	do.....	8 55	8 55	6 30	7 48	
16	do.....	49	3	do.....	9 15	9 15	6 15	7 41	
17	do.....	50	3	do.....	11 00	11 55	7 35	8 98	
18	Oven hands.....	50	2	do.....	8 45	8 45	5 85	6 88	
19	do.....	50	2	do.....	10 00	10 00	6 65	8 12	
20	Scrubber.....	46	6	Day.....	5 45	5 45	5 05	4 74	
21	Wired.....	51	1	do.....	5 50	6 00	4 10	5 12	
22	Wrapper.....	52		do.....	6 00	6 50	3 50	5 54	
23	do.....	43	19	do.....	4 00	5 40	4 00	4 86	
24	do.....	51	1	do.....	7 00	7 85	5 30	6 67	
25	do.....	52		Piece.....	9 00	10 10	6 55	6 67	
ESTABLISHMENT C.									
1	Carder and boxer.....	50	72	*	5 00	5 00	4 25	4 98	

\* Not given. † Vacation. ‡ Strike. § Began work. || No work. ¶ Inventory.

Table 32—Continued.

## OVERALLS.

In this industry over ninety per cent of the workers are women and girls. Overalls and work shirts are made; the work is all done by sewing and button machines, which are attached to the main shafting by belts and properly guarded; the sanitary conditions are good, and the fire protection is very good; the motive power and lighting are supplied by an electric dynamo; the workers are, as a rule, well satisfied, but occasionally differences occur between them and the proprietor; the workers are connected with the national garment workers of America. No resting is allowed excepting at lunch time and in case of sickness; the work can be done sitting and seats are furnished; rooms for wraps, changing clothes, toilet, etc., are provided for both sexes. No allowance is made for time lost, overtime is not required and no fines are imposed.

OVERALLS—One Establishment—Possible Working Time 52 Weeks.  
Working Hours 9 1-2, from 7:00 a. m. to 5:45 p. m. One and One-fourth Hours Allowed for Midday Lunch. Wages Paid Semi-Monthly. Building Two Stories. Stairway.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Coat maker .....	50	†2	Week....	\$4 50	\$ 5 65	\$2 00	\$4 10	\$205
2	..do. ....	50	†2	Piece....	6 50	8 00	4 00	6 00	300
3	..do. ....	50	†2	..do. ....	6 00	7 50	4 50	6 00	300
4	..do. ....	46	†6	..do. ....	4 45	6 35	2 55	4 46	205
5	..do. ....	50	†2	..do. ....	5 00	5 50	2 50	5 00	250
6	..do. ....	16	*	..do. ....	4 00	4 00	4 00	4 00	64
7	Machine operator .....	50	†2	..do. ....	4 90	5 00	2 50	4 00	200
8	..do. ....	50	†2	..do. ....	5 50	7 00	5 00	5 50	275
9	Overall maker .....	50	†2	..do. ....	9 00	9 00	9 00	9 00	450
10	..do. ....	50	†2	..do. ....	7 00	7 50	5 00	7 00	350
11	Shirt maker .....	50	†2	..do. ....	7 00	7 50	5 00	7 00	350
12	..do. ....	50	†2	..do. ....	4 25	8 00	4 00	4 24	212
13	..do. ....	50	†2	..do. ....	5 00	6 00	3 00	5 00	250
14	..do. ....	47	†5	..do. ....	6 00	8 10	4 00	6 00	282
15	..do. ....	50	†2	..do. ....	3 00	4 00	2 00	3 00	150
16	..do. ....	34	†16	..do. ....	5 00	10 00	3 50	5 00	170
17	..do. ....	18	†7	..do. ....	2 50	3 50	2 00	2 50	45
18	..do. ....	47	†5	..do. ....	6 00	7 50	4 00	6 00	282
19	..do. ....	32	*	..do. ....	5 00	6 75	3 50	5 00	160

\* Not given. † Vacation. ‡ Sickness.

Table 32—Continued.

## PAPER BOXES.

In this industry paper boxes of all kinds are made. All the cutting of material is done by men. Women do the folding, bending, pasting, covering and wrapping. The work is light and pleasant and in the better class of plants help is readily obtained. The best of feeling exists in some plants between the workers and their employers; in other plants conditions were much more unfavorable, these are where little or no consideration is shown as to the welfare of the workers; where dissatisfaction prevails it is owing to the discomfort experienced in this respect. Resting during working hours is not permitted; in case of sickness places for rest are provided in nearly all the plants. Work can be done sitting and seats are furnished. No overtime is required and no allowance is made for time lost except in case of injury. Fines are not imposed. Slight accidents such as cut fingers sometimes occur, but they are mostly caused by carelessness.

PAPER BOXES—*Nine Establishments—Working Hours, A. B. and C. 10, from 7 a. m. to 5:30 p. m. E., F. and I., 9, from 8 a. m. to 5:30 p. m. D., 9 1-2, from 8 a. m. to 6 p. m. G. and H., 9 1-2, from 7:30 a. m. to 5:30 p. m. Buildings, A, Five Stories, G., Four, B., C. and D., Three, E. and I., Two, and F., One, With Elevators and Stairways Except A., D., F. and I., Which Have Stairways Only. All Allow Thirty Minutes for Midday Lunch and Pay Wages Weekly.*

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	'RANGE DURING YEAR.		Average for weeks employed.	Total for weeks em- ployed during year.
						Highest.	Lowest.		
ESTABLISHMENT A.									
1	Closer .....	19	*33	Piece .....	*	\$ 8 05	\$4 68	\$7 26	\$138
2	do. ....	46	*6	do. ....	*	6 95	2 03	4 59	211
3	Coverer .....	52		do. ....	\$3 50	7 79	2 29	5 63	293
4	do. ....	52		do. ....	6 00	9 48	3 67	7 35	382
5	do. ....	38	†14	do. ....	*	5 75	1 61	3 97	151
6	do. ....	52		do. ....	4 50	10 70	1 15	4 88	254
7	do. ....	49	†3	do. ....	6 70	9 23	5 15	7 37	361
8	do. ....	52		do. ....	7 90	8 68	3 98	6 42	334
9	do. ....	52		do. ....	6 70	11 35	30	6 42	334
10	do. ....	52		do. ....	5 90	12 07	2 73	7 46	388
11	do. ....	52		do. ....	*		7 90	9 40	489
12	Folder .....	50	*2	* .....	*	3 58	3 58	3 58	179
13	do. ....	10	*42	Piece .....	*	4 92	1 00	3 20	32
14	do. ....	9	*43	do. ....	*	4 63	2 47	5 44	49
15	do. ....	9	*43	do. ....	*	4 69	2 36	3 78	34

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A—Concluded.									
16	Folder.....	22	*30	do.....	*	\$3 19	\$1 37	\$2 59	\$ 57
17	do.....	52		do.....	\$3 50	*	*	3 77	196
18	do.....	43	*9	do.....	3 50	*	*	4 00	172
19	do.....	50	*12	Week.....	7 51	1 98		3 95	198
20	Gluer.....	34	*16	*	3 00	7 93	2 26	5 59	190
21	do.....	51	*1	Piece.....	*	12 74	5 66	9 45	482
22	do.....	52		do.....	*	10 61	5 32	7 98	415
23	do.....	46	*6	do.....	*	9 00	6 00	8 57	394
24	do.....	52		do.....	*	9 47	3 31	6 90	359
25	do.....	48	*4	do.....	*	11 95	4 58	7 73	371
26	do.....	52		do.....	*	12 78	4 16	7 37	383
27	do.....	29	*23	do.....	*	8 85	2 76	6 10	177
28	do.....	46	*6	do.....	*	15 30	4 22	7 98	367
29	Labeler.....	52		do.....	*	6 45	1 69	4 38	223
30	do.....	51	*1	do.....	*	9 04	2 76	6 39	326
31	Machine operator.....	*	*	*	*	*	*	*	*
32	do.....	52		Piece.....	*	7 33	1 08	4 21	219
33	do.....	50	*2	do.....	*	6 31	1 91	4 22	211
34	do.....	15	*37	do.....	*	12 96	4 06	6 33	95
35	do.....	52		do.....	*	11 22	4 73	10 81	562
36	do.....	52		do.....	*	9 21	1 80	3 77	196
37	do.....	52		Piece.....	*	9 51	1 39	4 12	214
38	do.....	17	*35	do.....	*	4 67	2 03	3 82	65
39	do.....	4	*48	*	*	*	*	*	*
40	do.....	47	*5	*	*	4 19	1 76	3 32	156
41	do.....	2	*50	*	*	*	*	*	*
42	do.....	43	*9	Piece.....	*	9 35	1 06	5 21	224
43	do.....	52		do.....	*	10 88	1 13	6 77	352
44	do.....	12	*11	*	*	3 74	2 50	2 75	330
45	do.....	51	*1	Piece.....	*	6 87	2 20	4 37	223
46	do.....	52		do.....	*	10 81	2 43	6 12	318
47	do.....	52		do.....	*	10 21	2 05	6 21	323
48	do.....	52		do.....	*	6 02	1 44	4 31	224
49	do.....	50	*2	*	*	5 82	2 17	4 30	215
50	do.....	52		Week.....	6 00	7 50	3 15	6 75	299
51	Packer.....	15	*37	do.....	*	3 00	2 25	2 80	42
52	Paperer.....	26	*17	Piece.....	*	4 18	1 40	2 96	77
53	Paster.....	47	15	do.....	6 70	11 39	75	6 47	304
54	do.....	29	*13	3	4 60	6 12	1 00	3 62	105
55	do.....	52		do.....	6 80	6 89	3 88	7 04	366
56	do.....	51	*1	do.....	6 80	9 48	3 30	5 45	278
57	do.....	51	*1	do.....	7 50	10 34	70	7 08	361
58	do.....	49	*3	do.....	5 70	7 93	3 30	5 04	247
59	Stayer.....	51	*1	do.....	6 80	9 39	2 17	7 31	373
60	do.....	50	*12	do.....	6 90	13 33	2 49	6 82	341
61	do.....	52		do.....	4 00	8 34	2 63	7 60	395
62	Stripper.....	52		do.....	6 70	9 36	2 31	6 96	362
63	Topping boxes.....	10	*	Week.....	*	7 08	1 06	4 90	49
64	Trimmer.....	52		Piece.....	9 00	11 86	5 17	9 75	507
65	do.....	50	*12	do.....	8 00	14 82	3 66	8 42	421
66	do.....	52		do.....	5 70	10 15	5 39	7 77	404
67	do.....	52		do.....	6 90	14 11	3 78	8 04	418
68	do.....	52		do.....	5 70	9 25	3 60	6 75	351

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT B.									
1	Creaser .....	3		Piece	\$ 7 45	\$ 7 45	\$ 4 71	\$ 6 00	\$ 18
2	Gluer .....	52		do.	6 04	9 29	4 83	5 63	293
3	do. ....	52		do.	7 14	10 29	6 06	6 96	362
4	do. ....	52		do.	7 21	10 30	5 48	6 52	339
5	Machine operator .....	38	*14	do.	6 51	6 51	3 96	4 11	156
6	do. ....	52		do.	6 00	9 27	4 50	6 21	323
7	do. ....	52		do.	8 21	11 10	6 00	7 15	372
8	do. ....	52		do.	8 02	10 02	5 48	7 67	399
9	do. ....	52		do.	7 84	10 90	5 87	7 25	377
10	do. ....	52		do.	5 44	9 06	4 07	6 29	327
11	do. ....	52		do.	8 42	10 02	5 00	7 04	366
12	do. ....	51	*1	do.	6 00	10 80	4 19	6 06	309
13	do. ....	52		Hour	8 00	9 92	5 90	8 08	420
14	do. ....	50	*2	do.	8 00	10 16	7 19	7 96	398
15	do. ....	51	*1	do.	8 00	9 60	5 51	6 76	345
16	do. ....	52		Piece	6 49	11 24	4 54	7 54	392
17	do. ....	47	*5	do.	5 18	7 40	3 71	5 04	237
18	do. ....	26		do.	9 32	8 75	6 68	7 42	193
19	Packer .....	7		do.	14 14	14 68	10 18	10 57	74
20	do. ....	52		do.	10 09	10 89	5 84	7 92	412
21	do. ....	52		do.	10 09	10 77	4 75	7 90	411
22	do. ....	39		do.	6 05	9 49	3 59	4 79	187
23	do. ....	46	*6	do.	6 43	7 91	3 33	5 11	235
24	Pealer .....	29		do.	7 33	7 94	4 38	5 69	165
25	Picker .....	50	*2	do.	11 09	14 05	4 50	8 54	427
26	do. ....	50	*2	do.	9 19	13 36	5 96	9 10	455
27	do. ....	49	*3	do.	7 18	11 49	4 96	6 98	342
28	Removing from machine .....	*	*						
29	do. ....	52		Piece	8 42	10 02	4 39	7 08	368
30	do. ....	3		Hour	3 15	3 72	3 15	3 33	10
31	do. ....	22		do.	*	3 93	3 01	3 09	68
ESTABLISHMENT C.									
1	Box maker .....	41		Day	7 65	8 85	5 35	7 46	306
2	do. ....	51	\$1	Piece	5 30	8 25	5 30	6 55	334
3	do. ....	51	\$1	do.	7 15	8 40	5 40	6 67	340
4	do. ....	46	\$6	do.	4 00	7 35	4 00	5 72	263
5	do. ....	52		do.	8 85	10 85	6 90	9 06	471
6	do. ....	52		do.	6 20	8 20	4 40	5 87	305
7	do. ....	50	\$2	do.	7 90	12 20	7 50	10 08	504
8	do. ....	50	\$2	do.	8 80	12 25	7 85	9 62	481
9	Cloth edge worker .....	52		do.	5 25	13 55	5 25	8 67	451
10	Glue worker .....	50	\$2	do.	6 75	11 25	6 25	8 16	408
11	do. ....	52		do.	8 00	10 90	6 25	8 90	463
12	do. ....	41	\$11	do.	6 25	10 15	6 25	7 73	317
13	do. ....	52		do.	7 45	9 85	5 65	7 60	395
14	do. ....	30		Hour	7 00	8 15	4 50	6 40	192
15	Machine operator .....	52		Piece	7 75	12 80	5 60	6 58	342
16	do. ....	52		do.	8 30	11 45	6 00	7 71	401
17	do. ....	51	\$1	do.	6 40	7 70	6 40	6 98	356
18	Paster .....	52		do.	9 85	11 80	7 35	9 04	470
19	do. ....	35	\$17	do.	6 45	7 90	4 40	6 46	226
20	do. ....	39	\$13	do.	10 35	12 30	6 15	8 79	343

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks em- ployed during year.	
						Highest.	Lowest.			
ESTABLISHMENT C—Concluded.										
21	Paster .....	51		\$1 Piece....	\$8 65	\$ 9 45	\$5 40	\$ 7 29	\$372	
22	do. ....	47		15 do. ....	8 00	9 15	6 65	8 09	380	
23	do. ....	52		Day ..do. ....	8 00	9 15	6 65	7 90	411	
24	Stayer .....	52		Piece ..do. ....	7 35	10 05	6 25	7 63	397	
25	Labeler .....	48	14	do. ....	7 60	10 70	5 50	8 42	404	
ESTABLISHMENT D.										
1	Gluer .....	52		Piece....	6 77	10 19	3 20	7 54	392	
2	do. ....	12		*40 do. ....	6 06	8 64	3 21	6 08	73	
3	do. ....	50		*2 do. ....	2 81	5 33	1 99	3 38	169	
4	do. ....	37		*15 do. ....	8 97	10 03	4 39	7 08	262	
5	do. ....	47		*5 do. ....	9 63	9 94	3 20	6 09	286	
6	do. ....	38		*14 Hour ....	9 30	10 95	5 53	8 45	321	
7	do. ....	13		*39 Piece....	5 20	6 08	3 21	4 23	55	
8	do. ....	51		*1 do. ....	5 52	7 47	2 92	5 41	276	
9	do. ....	51		*1 do. ....	9 47	12 27	2 95	7 33	374	
10	do. ....	52		Hour .....	7 95	8 77	1 80	5 12	266	
11	Machine operator .....	52		Piece....	4 52	6 72	2 50	3 81	198	
12	do. ....	51		*1 do. ....	6 89	9 00	3 27	6 29	321	
13	do. ....	8		*44 do. ....	7 92	9 56	6 00	8 00	64	
14	do. ....	11		do. ....	4 66	5 75	3 08	4 64	51	
15	do. ....	12		do. ....	2 61	12 00	1 57	5 67	68	
16	do. ....	10		do. ....	4 20	7 07	1 96	4 40	44	
17	do. ....	14		do. ....	5 12	4 83	3 05	3 79	53	
18	do. ....	13		do. ....	3 70	4 68	1 89	3 38	44	
19	do. ....	41		*11 do. ....	6 11	11 26	3 96	6 59	270	
20	do. ....	10		do. ....	4 11	7 73	3 05	4 70	47	
21	do. ....	24		*28 do. ....	6 25	10 29	3 04	6 17	148	
ESTABLISHMENT E.										
1	Bender .....	48		*14 Week....	4 00	5 00	2 50	3 44	165	
2	Closer .....	50		*12 do. ....	6 00	7 30	3 85	4 04	202	
3	Coverer .....	48		*4 Piece....	5 00	7 22	3 30	5 38	258	
4	do. ....	49		*3 do. ....	8 00	8 82	4 25	6 35	311	
5	do. ....	52		do. ....	6 00	9 14	3 49	5 33	277	
6	do. ....	52		do. ....	7 00	10 41	3 20	7 90	411	
7	do. ....	15		*37 do. ....	4 50	5 59	3 04	4 73	71	
8	do. ....	52		Week .....	6 00	8 73	3 50	6 00	312	
9	do. ....	52		Piece .....	6 00	9 32	3 33	6 13	319	
10	do. ....	52		do. ....	8 00	9 00	4 30	4 67	243	
11	Folder .....	36		*16 Week....	3 25	3 25	3 25	3 25	117	
12	Gluer .....	50		*2 Piece....	9 00	14 22	1 35	9 40	470	
13	do. ....	50		*2 do. ....	8 00	12 62	3 89	7 96	398	
14	do. ....	52		do. ....	6 00	12 57	4 13	8 06	419	
15	do. ....	17		*35 do. ....	*	12 87	6 60	10 76	183	
16	do. ....	32		*20 do. ....	8 00	12 49	7 25	7 63	244	
17	Stayer .....	52		Week .....	7 00	7 70	3 50	4 35	228	
18	do. ....	49		*3 do. ....	4 00	5 63	1 32	3 98	195	
19	Sticher .....	49		*13 Piece....	5 50	7 75	3 26	5 82	285	
20	Trimmer .....	14		*38 do. ....	3 50	4 85	2 85	3 86	64	



Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT F.									
1	Bender.....	52	.....	Piece.....	\$ 4 66	\$ 8 06	\$2 80	\$ 4 31	\$244
2	Closer.....	26	.....	..do.....	3 85	4 99	2 44	3 62	94
3	Machine operator.....	21	.....	..do.....	4 62	7 11	1 02	4 38	92
4	..do.....	51	*1	..do.....	7 16	9 55	4 50	6 55	334
5	..do.....	20	.....	..do.....	5 19	6 66	3 49	5 25	105
6	..do.....	12	.....	Hour.....	5 76	6 50	4 99	5 17	62
7	..do.....	51	*1	Piece.....	8 53	8 53	1 10	3 20	163
8	..do.....	52	.....	..do.....	9 74	10 60	1 22	6 94	361
9	..do.....	50	*2	..do.....	8 82	10 24	1 98	6 18	309
10	..do.....	44	*8	Hour.....	6 00	7 84	3 00	5 07	223
11	Paster.....	49	*3	Piece.....	7 13	10 01	4 10	7 31	358
12	..do.....	52	.....	..do.....	8 44	12 34	4 39	8 29	431
13	..do.....	40	*12	..do.....	8 38	10 13	4 22	5 90	236
14	..do.....	44	.....	..do.....	4 60	10 18	4 12	7 52	331
15	..do.....	22	.....	..do.....	5 85	6 34	2 20	4 32	95
16	..do.....	52	.....	..do.....	5 11	9 69	2 41	6 50	338
17	..do.....	18	.....	..do.....	5 97	9 14	5 58	6 83	123
ESTABLISHMENT G.									
1	Coverer.....	36	*16	Piece.....	10 80	12 25	5 25	7 61	274
2	..do.....	16	*36	..do.....	6 75	6 75	5 05	5 25	84
3	..do.....	52	.....	..do.....	13 25	13 65	6 60	10 63	553
4	Gluer.....	52	.....	..do.....	11 50	14 20	5 15	8 42	438
5	..do.....	41	*12	..do.....	5 90	9 75	4 35	5 59	229
6	..do.....	52	.....	..do.....	10 90	13 50	6 45	8 35	434
7	Labeler.....	52	.....	..do.....	6 75	8 37	3 00	5 23	272
8	..do.....	14	.....	..do.....	9 20	10 80	6 20	7 43	104
9	Paste worker.....	51	*1	..do.....	12 75	13 70	6 00	8 33	425
10	..do.....	14	.....	..do.....	5 30	7 45	3 70	4 50	63
11	..do.....	35	.....	..do.....	8 80	11 10	4 75	6 03	211
12	Stayer.....	49	*3	..do.....	9 20	10 80	6 20	7 96	390
13	..do.....	22	.....	..do.....	8 20	11 35	5 60	7 68	169
14	..do.....	52	.....	..do.....	8 30	10 00	5 30	6 92	360
ESTABLISHMENT H.									
1	Coverer.....	52	.....	Week.....	5 00	5 10	2 92	4 60	239
2	..do.....	50	*12	Piece.....	5 50	8 51	88	5 64	282
3	..do.....	50	*2	..do.....	6 10	11 43	2 15	7 60	380
4	..do.....	50	*2	..do.....	7 90	12 10	3 06	9 56	478
5	..do.....	52	.....	..do.....	8 00	11 85	3 12	7 29	379
6	..do.....	49	13	..do.....	6 12	15 74	3 23	5 86	287
7	..do.....	49	13	..do.....	6 12	15 74	3 23	5 86	287
8	Labeler.....	17	*35	..do.....	3 00	3 00	75	2 76	470
9	Paster.....	46	*6	..do.....	6 90	11 59	3 94	7 35	338
10	..do.....	4	*48	..do.....	8 00	15 20	8 00	10 00	40
11	..do.....	44	*8	..do.....	6 90	13 73	1 76	6 66	293
12	..do.....	51	*1	Week.....	7 50	8 85	3 90	6 92	353
13	..do.....	26	*26	Piece.....	5 00	4 20	1 00	3 00	78

Table 32—Continued.

Number	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING WEEK.		Average for weeks employed.	Total for weeks employed.
						Highest.	Lowest.		
ESTABLISHMENT I.									
1	Fastening handles.....	52		Week.....	\$6 00	\$6 68	\$1 87	\$5 15	\$268
2	do.....	8		Piece.....	4 80	6 11	3 07	5 13	41
3	Folder.....	10		Week.....	5 00	5 00	4 63	4 90	49
4	do.....	6		do.....	5 00	5 00	4 16	4 67	28
5	do.....	7		do.....	5 00	5 50	75	4 43	31
6	Machine operator.....	6		do.....	4 00	4 00	2 00	3 67	22
7	do.....	6		do.....	5 70	7 30	3 51	4 17	25
8	Tier.....	52		Piece.....	6 80	8 64	1 87	7 13	371

\* Not given. † Sickness. ‡ No work. § Vacation. || Began work. ¶ At home.

## PIANOS AND ORGANS.

This establishment employs a large number of persons. The employing of women or girls was begun about twelve years ago, and has proven very satisfactory; their employment is light and pleasant and really enjoyed by them. The work consists of making the small interior parts of instruments, gluing them together and covering with felt; some of the lathe work is done by them; all machinery has safe guards attached. Resting is permitted during working hours and in case of sickness a place is provided. No allowance is made for time lost but no fine is imposed. Most of the work can be done sitting and seats are furnished. The rooms and surroundings are light and airy; the sanitary conditions are good.

Table 32—Continued.

PIANOS AND ORGANS—One Establishment—Possible Working Time, 52 Weeks. Working Hours, eight; from 8:00 a. m. to 4:30 p. m. Thirty Minutes Allowed for Lunch. Wages Payable Semi-Monthly. Building, Five Story; Stairways and Elevator.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Capper .....	52		Piece .....	\$7 35	\$10 00	\$4 65	\$7 17	\$373
2	Cutter .....	52		..do. ....	8 15	10 50	6 10	8 30	432
3	Driller .....	52		..do. ....	4 45	6 50	4 30	4 77	248
4	Gluer .....	52		..do. ....	11 65	14 55	8 85	10 54	548
5	..do. ....	52		..do. ....	8 00	9 10	4 70	6 40	333
6	..do. ....	44	*8	..do. ....	9 25	12 40	6 60	9 20	405
7	..do. ....	52		..do. ....	7 90	8 80	5 45	6 90	359
8	Hand worker .....	46	*8	..do. ....	6 00	8 00	4 50	6 28	289
9	..do. ....	52		..do. ....	4 80	6 15	4 10	4 75	247
10	Machine operator .....	52		..do. ....	11 15	14 00	10 65	11 06	575
11	..do. ....	51	†1	..do. ....	5 80	7 00	5 40	5 88	300
21	..do. ....	50	*2	..do. ....	7 81	10 35	5 40	8 08	404
13	Pinner .....	52		..do. ....	9 70	12 70	8 25	11 46	596
14	..do. ....	52		..do. ....	7 40	9 75	5 35	6 94	361
15	..do. ....	52		..do. ....	5 75	9 00	5 60	6 99	353
16	Puncher .....	52		..do. ....	10 00	11 55	5 60	8 69	452
17	Starter .....	48	*4	..do. ....	6 30	8 50	5 50	8 21	394
18	Stringer .....	52		..do. ....	6 40	8 00	5 25	6 29	327
19	Trimmer .....	52		..do. ....	10 20	15 00	9 95	10 81	562

\*Sickness. †Vacation.

## PIPES AND FITTINGS.

This establishment employs a large number of persons. The work of the women and girls consists mainly of core making and filing; they also carry the cores to another part of the factory; no machines are used. Rooms are provided for both sexes for wraps, changing clothes, toilet, etc. No resting is permitted except in case of sickness and a place is provided for this purpose. Work can be done sitting and seats are furnished; no allowance is made for time lost except in case of injury. Overtime is not required and no fines are imposed. The sanitary conditions are good.

Table 32—Continued.

PIPES AND FITTINGS—One Establishment—Possible Working Time 52 Weeks. Working Time 9 5-6, from 7:00 a. m. to 5:30 p. m. Forty Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building Four Story. Stairways.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Carrier.....	52	*	Hour	*	*	*	\$5 50	\$ 11
2	do.....	52	.....	Week	\$5 80	\$6 19	\$3 30	5 60	291
3	do.....	52	.....	do.	6 80	9 95	4 50	7 88	410
4	do.....	10	*	Piece	*	6 75	5 50	5 80	58
5	do.....	31	*	Hour	*	7 44	6 12	6 16	191
6	do.....	18	*	do.	*	6 81	5 50	6 11	110
7	do.....	52	.....	do.	*	9 84	4 87	6 63	345
8	do.....	12	*	do.	*	8 21	6 02	6 33	76
9	do.....	40	*	do.	*	6 84	5 00	5 95	238
10	do.....	52	.....	do.	*	9 34	4 50	7 65	398
11	do.....	46	*	do.	8 10	7 50	3 75	6 43	296
12	do.....	52	.....	do.	8 37	9 14	4 35	7 44	387
13	Core filer.....	12	*	do.	*	6 08	4 40	5 00	60
14	do.....	41	*11	do.	4 00	9 22	2 90	5 22	214
15	do.....	46	*6	Week	5 70	7 50	3 30	5 87	270
16	do.....	52	.....	do.	6 70	8 09	3 78	7 21	375
17	do.....	52	.....	do.	7 50	9 01	3 85	6 17	321
18	do.....	42	†10	do.	5 60	6 55	1 10	5 55	233
19	do.....	20	*	do.	*	6 37	4 40	5 45	109
20	do.....	17	*	Hour	*	5 40	4 40	5 17	88
21	do.....	15	*	do.	*	6 43	4 29	5 60	84
22	do.....	51	*1	do.	*	8 10	4 44	5 98	305
23	do.....	52	.....	Piece	6 70	10 21	3 62	6 86	357
24	Core maker.....	36	*	do.	4 50	7 50	1 30	3 39	122
25	do.....	52	.....	do.	4 00	7 07	3 44	5 69	296
26	do.....	51	*1	do.	4 00	8 63	3 32	5 92	302
27	do.....	50	†2	do.	4 50	12 83	2 59	8 02	401
28	do.....	52	.....	do.	6 00	11 33	3 29	7 38	384
29	do.....	47	†5	do.	4 60	10 58	1 84	6 81	320
30	do.....	52	.....	do.	4 00	10 11	2 20	6 33	329
31	do.....	52	.....	do.	4 60	10 69	3 32	7 33	391
32	do.....	52	.....	do.	7 00	7 69	3 22	6 69	348
33	do.....	42	*10	do.	5 70	6 40	3 00	5 33	224
34	do.....	52	.....	do.	7 90	9 10	2 88	7 21	375
35	do.....	52	.....	do.	6 90	9 15	2 70	7 23	376
36	do.....	52	.....	do.	6 80	9 50	4 70	7 65	397
37	do.....	52	.....	do.	6 70	9 15	3 53	6 17	321
38	do.....	53	.....	do.	8 91	10 74	4 01	6 23	324
39	do.....	50	*2	do.	6 12	11 25	3 42	7 96	398
40	do.....	52	.....	do.	12 53	11 88	5 54	7 65	398
41	do.....	50	*2	do.	7 26	8 09	4 31	7 80	390
42	do.....	47	*	Hour	5 94	6 00	5 35	5 79	272
43	do.....	9	*	Piece	9 13	11 89	4 61	5 67	51
44	do.....	52	.....	Hour	9 14	11 08	4 65	8 98	467
45	do.....	52	.....	Piece	6 73	8 67	3 15	8 60	447

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
46	Core maker .....	42	†10	Piece.....	\$ 9 03	\$12 83	\$4 21	\$5 76	\$242
47	..do. ....	52	.....	..do. ....	4 60	11 23	3 19	8 96	466
48	..do. ....	52	.....	..do. ....	*	11 93	6 04	8 94	361
49	..do. ....	52	.....	..do. ....	*	7 81	4 22	7 65	398
50	..do. ....	49	*	..do. ....	*	6 36	3 86	5 10	250
51	..do. ....	13	*	..do. ....	*	8 38	4 35	4 54	59
52	..do. ....	51	*1	..do. ....	*	8 22	4 26	5 92	302
53	..do. ....	52	.....	..do. ....	*	7 42	4 16	5 02	261
54	..do. ....	31	*	..do. ....	*	7 30	5 04	5 26	163
55	..do. ....	52	.....	..do. ....	*	10 32	4 30	6 35	330
56	..do. ....	52	.....	..do. ....	*	9 53	4 79	6 54	340
57	..do. ....	40	*	..do. ....	*	9 25	4 48	6 70	268
58	..do. ....	52	.....	..do. ....	*	9 08	5 20	6 98	363
59	..do. ....	52	.....	..do. ....	*	8 34	4 15	6 42	334
60	..do. ....	52	.....	..do. ....	*	6 38	5 14	6 42	334
61	..do. ....	25	*	..do. ....	*	6 29	5 08	5 92	148
62	..do. ....	25	*	Piece.....	*	9 90	4 85	5 44	136
63	..do. ....	52	.....	Hour.....	5 94	9 63	3 00	6 56	341
64	..do. ....	52	.....	..do. ....	7 15	9 60	4 05	5 61	292
65	..do. ....	52	.....	..do. ....	8 60	11 40	3 84	7 08	368
66	..do. ....	50	*2	..do. ....	12 53	11 88	5 54	8 10	405
67	..do. ....	50	*2	Piece.....	8 23	11 51	3 99	9 34	467
68	..do. ....	50	*2	..do. ....	9 37	10 21	3 08	8 08	404
69	..do. ....	52	.....	Hour.....	10 61	12 62	4 38	9 44	491
70	..do. ....	52	.....	..do. ....	8 68	10 16	3 90	7 27	378
71	..do. ....	42	*10	..do. ....	6 73	8 67	3 15	5 76	242
72	Paster .....	43	*	Piece.....	7 56	6 30	3 45	5 67	244

\* Not given. † Sickness.

## RUBBER GOODS.

Comparatively few women are employed in this industry. The work is light and consists of making bicycle tire stems, also hollow goods such as rubber balls and gas bags, etc. Women trim and inspect hoof and heel pads, and hard rubber goods. Rooms for wraps, changing clothes and toilet are provided separate for both sexes. As a rule all are steady and reliable, many have been engaged in the business from one to ten years and are healthy; no objection whatever to the odor of rubber. Resting is permitted during working hours and in case of sickness a place is provided for the sufferers. No allowance is made for time lost, but no fines are imposed. Work can be done sitting and seats are furnished. The sanitary arrangements are fair.

Table 32—Continued.

RUBBER GOODS—One Establishment—Possible Working Time, 52 Weeks. Working Hours, nine and one-half; from 7:00 a. m. to 5:00 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Payable Semi-Monthly. Building, Six Stories; One Elevator, Two Stairways.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
1	Cementer.....	40	*12	Piece.....	\$ 7 25	\$12 63	\$4 20	\$ 7 52	\$301	
2	do.....	34	*18	do.....	7 75	12 75	6 00	7 73	263	
3	Hollow goods worker.....	51	*1	do.....	7 50	10 15	5 35	7 23	369	
4	do.....	51	*1	do.....	8 80	11 85	6 90	8 35	426	
5	Rubber worker.....	51	*1	do.....	11 75	11 80	5 90	8 12	414	
6	do.....	50	*2	do.....	10 00	10 45	4 20	6 78	339	
7	Stem maker.....	50	*2	do.....	10 85	11 45	3 90	8 12	406	
8	Tape worker.....	50	*2	do.....	11 75	13 35	6 65	10 34	517	
9	do.....	51	*1	do.....	12 15	14 45	6 15	10 67	544	
10	Trimmer.....	49	*3	do.....	10 75	13 60	6 75	9 59	470	
11	do.....	40	*12	do.....	10 55	12 85	7 05	8 87	355	
12	do.....	51	*1	do.....	7 35	8 63	5 70	7 02	358	

\* Strike and inventory † sickness.

### SHOES.

This is a very flourishing industry. The three establishments embraced in this inquiry employ during the year an average of 1,538 persons, 515 of whom are women and girls. The work done by women is varied in character and is light and pleasant; it consists in stitching linings, findings and uppers on machines, run by power, which are supplied with safety attachments. They also do cementing, basting, folding, rubbing seams, lacing, cleaning, dressing, sizing, wrapping and boxing shoes, stamping boxes and piling them in order; this work does not seem to affect their health in any way, the buildings and rooms are clean, light and airy. The sanitary arrangements in several establishments are good, in others especially the water closets should receive better attention. Places are provided for wraps, changing clothes and toilet for both sexes. Work can be done sitting and seats are furnished. Resting during working hours is not permitted, but in case of sickness a place is provided. Overtime is required whenever necessary for which time and a half is allowed. Fines are imposed to some extent in some establishments to prevent the spoiling of work.

Table 32—Continued.

A few girls under 16 years of age are employed but they work only eight hours. The managements generally are constantly adding improvements as business develops; several are now under consideration which will be carried out in a short time.

SHOES—Three Establishments—Possible Working Time, 52 Weeks. Working Hours, A, 10,, from 7:00 a. m. to 6:00 p. m.; B, 10, from 7:30 a. m. to 6:00 p. m.; C, 9 1-2, from 7:30 a. m. to 5:30 p. m. Buildings, two, six and two stories, respectively. B and C have Elevators and Stairways. A has Stairway Only. A Allows One Hour, B and C Thirty Minutes for Midday Lunch. All Pay Wages Weekly.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year
						Highest.	Lowest.		
ESTABLISHMENT A.									
1	Beader .....	51	**1	Piece .....	\$ 5 25	\$ 5 25	\$ 3 50	\$ 4 31	\$220
2	do. ....	51	**1	do. ....	4 95	6 90	4 50	5 49	280
3	do. ....	51	**1	Hour .....	3 25	3 25	2 00	2 55	130
4	Box labeler .....	51	**1	do. ....	5 00	5 00	3 50	4 21	215
5	Burnisher .....	51	**1	do. ....	5 00	5 00	3 00	4 00	204
6	do. ....	51	**1	do. ....	3 50	3 50	3 00	3 23	165
7	Caser .....	50	†2	do. ....	3 50	3 50	2 50	3 00	150
8	Cementier .....	51	**1	Piece .....	3 10	3 10	1 50	2 25	115
9	do. ....	51	**1	do. ....	4 25	4 25	2 75	3 53	180
10	Closer .....	51	**1	do. ....	7 55	8 50	5 50	7 00	357
11	do. ....	51	**1	do. ....	8 15	8 15	5 50	6 18	315
12	Cutter .....	46	†2	Day .....	10 00	10 00	10 00	10 00	460
13	do. ....	51	**1	do. ....	6 50	6 50	4 00	6 47	330
14	do. ....	51	**1	do. ....	4 00	4 00	2 50	3 23	165
15	do. ....	49	†3	do. ....	10 00	10 00	10 00	10 00	490
16	do. ....	49	†3	do. ....	4 50	4 50	3 00	3 67	180
17	do. ....	41	†11	do. ....	6 50	6 50	5 00	5 73	235
18	do. ....	30	†22	do. ....	10 00	10 00	10 00	10 00	300
19	do. ....	50	†2	do. ....	4 50	4 50	2 50	3 50	175
20	do. ....	51	**1	do. ....	8 00	8 00	8 00	8 00	408
21	do. ....	45	†7	do. ....	7 00	7 00	4 00	5 51	248
22	do. ....	51	**1	do. ....	3 00	3 00	2 50	2 74	140
23	Dresser .....	51	**1	do. ....	4 00	4 00	3 00	3 53	180
24	do. ....	50	†2	do. ....	4 50	4 50	2 00	3 50	175
25	do. ....	51	**1	do. ....	4 00	4 00	2 50	3 23	165
26	Eyeleteer .....	51	**1	do. ....	8 50	8 50	8 00	8 43	430
27	do. ....	51	**1	Piece .....	8 90	9 90	6 00	8 04	410
28	Feeder .....	51	**1	Day .....	4 00	4 00	2 50	3 23	165
29	Folder .....	51	**1	do. ....	5 00	5 00	4 00	4 51	230
30	do. ....	51	**1	do. ....	4 00	4 00	3 00	3 53	180
31	Inker .....	48	†4	do. ....	5 00	5 00	2 50	3 96	190
32	do. ....	50	†2	do. ....	5 00	5 00	3 00	4 00	200
33	do. ....	47	†5	do. ....	5 00	5 00	4 00	4 47	210
34	Lacer .....	51	**1	do. ....	3 50	3 50	2 50	2 94	150
35	do. ....	51	**1	do. ....	2 50	2 50	2 00	2 25	115

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed.
						Highest.	Lowest.		
ESTABLISHMENT A—Continued.									
36	Lacer .....	51	**1	Day .....	\$ 2 50	\$ 2 50	\$ 2 00	\$ 2 25	\$115
37	Maker .....	51	**1	do .....	3 00	3 00	3 00	2 94	150
38	do .....	50	t2	do .....	4 50	4 50	4 00	4 24	212
39	Packer .....	51	**1	do .....	4 25	4 25	3 00	3 53	180
40	do .....	49	t3	do .....	4 50	4 50	4 00	4 18	206
41	Paster .....	51	**1	do .....	2 50	2 50	2 00	2 43	124
42	Puncher .....	51	**1	do .....	3 00	3 00	2 50	2 74	140
43	Seam presser .....	51	**1	do .....	3 75	3 75	3 00	3 12	160
44	Seamster .....	51	**1	do .....	4 00	4 00	3 00	3 53	180
45	Skiver .....	49	t3	do .....	6 50	6 50	6 00	6 02	295
46	do .....	51	**1	do .....	4 75	4 75	3 00	3 53	180
47	do .....	51	**1	do .....	7 65	8 00	6 00	7 00	357
48	Sock liner .....	51	**1	do .....	4 50	4 50	3 50	3 92	200
49	Stamper .....	51	**1	do .....	4 00	4 00	2 00	4 00	204
50	do .....	51	**1	do .....	3 50	3 50	2 50	3 43	175
51	Stay roller .....	51	**1	do .....	8 20	8 20	4 00	6 18	315
52	Stitcher .....	51	**1	do .....	5 70	6 00	5 00	5 49	280
53	do .....	51	**1	do .....	10 50	10 00	10 00	10 00	510
54	do .....	51	**1	do .....	4 00	4 00	3 00	3 53	180
55	do .....	51	**1	do .....	3 50	3 50	3 00	3 23	165
56	do .....	51	**1	do .....	5 00	5 00	4 00	4 51	230
57	do .....	51	**1	do .....	3 75	3 75	3 00	3 53	180
58	do .....	51	**1	do .....	3 75	3 75	3 00	3 53	180
59	do .....	51	**1	do .....	7 00	7 00	4 00	6 96	355
60	do .....	51	**1	do .....	5 50	5 50	4 50	5 00	255
61	do .....	51	**1	do .....	3 00	3 00	2 50	2 74	140
62	do .....	51	**1	do .....	3 50	3 50	3 00	3 23	165
63	do .....	51	**1	do .....	3 50	3 50	3 00	3 14	160
64	do .....	51	**1	do .....	3 25	3 25	3 00	3 14	160
65	do .....	51	**1	do .....	5 50	6 50	5 00	5 49	280
66	do .....	50	t2	do .....	7 00	7 00	4 00	5 50	275
67	do .....	51	**1	do .....	9 10	11 00	6 00	8 63	440
68	do .....	47	**5	do .....	9 50	9 50	5 00	7 45	350
69	do .....	51	**1	do .....	9 15	9 15	7 00	8 04	410
70	do .....	51	**1	do .....	5 20	5 20	4 00	4 61	235
71	do .....	51	**1	do .....	3 00	3 00	2 75	2 94	150
72	do .....	51	**1	do .....	5 20	7 00	5 00	5 98	305
73	do .....	51	**1	do .....	4 25	4 25	3 00	3 53	180
74	do .....	51	**1	do .....	5 00	5 00	4 00	4 51	230
75	do .....	51	**1	do .....	6 25	6 25	4 75	5 49	280
76	do .....	51	**1	do .....	6 00	6 25	4 75	5 49	280
77	Table hand .....	51	**1	Day .....	3 50	3 50	2 00	2 25	115
78	do .....	51	**1	do .....	3 25	5 00	2 50	3 53	180
79	Treer .....	51	**1	do .....	4 25	4 25	3 00	3 63	185
80	Trimmer .....	50	t2	do .....	5 00	5 00	3 00	4 00	200
81	do .....	51	**1	do .....	2 50	2 50	1 90	2 25	115
82	do .....	51	**1	do .....	3 50	3 50	2 50	3 00	153
83	do .....	51	**1	do .....	5 50	5 50	4 50	5 00	255
84	do .....	51	**1	do .....	3 50	3 50	2 50	2 94	150
85	do .....	51	**1	do .....	4 00	4 00	3 00	3 43	175



Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed	Total for weeks employed during year
						Highest.	Lowest.		
ESTABLISHMENT A.—Concluded.									
86	Trimmer.....	51	**1	Day.....	\$3 00	\$3 00	\$2 50	\$2 75	\$140
87	do.....	51	**1	do.....	4 50	4 50	4 00	4 51	230
88	Vamper.....	51	**1	do.....	11 00	11 00	9 00	9 30	500
89	do.....	50	12	do.....	9 50	10 50	8 00	9 00	450
90	do.....	46	16	do.....	10 00	10 00	10 00	10 00	460
91	do.....	48	14	do.....	5 75	5 75	3 00	4 48	215
92	do.....	51	**1	do.....	4 00	4 00	3 00	3 53	180
93	do.....	51	**1	do.....	9 00	10 00	8 00	9 02	480
94	do.....	51	**1	do.....	9 25	9 25	4 75	7 06	380
95	do.....	47	15	do.....	10 30	11 00	6 00	8 51	400
96	do.....	51	**1	do.....	5 00	5 00	4 00	4 51	230
97	do.....	51	**1	do.....	14 95	15 00	10 00	12 55	640
ESTABLISHMENT B.									
1	Capper.....	51	11	Piece.....	*	13 23	3 00	9 22	470
2	do.....	38	11	do.....	*	14 72	3 42	10 55	401
3	Closer.....	45	17	do.....	*	16 10	7 10	11 35	511
4	do.....	48	14	do.....	*	11 84	97	7 43	357
5	Creaser.....	49	*	do.....	4 00	4 15	93	3 26	180
6	Eyelet fastener.....	52	*	do.....	12 00	12 00	1 96	10 67	555
7	Folder.....	51	*	Piece.....	8 90	11 45	1 49	5 43	277
8	do.....	51	11	do.....	6 10	10 12	2 23	5 86	299
9	do.....	50	12	do.....	7 50	9 86	1 98	6 92	346
10	do.....	52	*	do.....	9 10	10 82	1 44	9 29	483
11	do.....	48	14	Piece.....	9 11	12 67	4 05	9 35	449
12	do.....	51	11	do.....	9 10	10 29	2 73	7 41	378
13	Foxer.....	52	*	do.....	10 16	13 92	1 63	10 67	555
14	do.....	29	*	do.....	10 13	13 94	1 22	10 10	293
15	Lining maker.....	48	14	do.....	*	14 33	1 95	12 79	614
16	do.....	50	12	do.....	12 14	15 17	4 22	11 12	556
17	do.....	48	14	do.....	10 14	14 83	7 19	10 13	486
18	do.....	49	13	Piece.....	*	14 63	6 64	12 04	590
19	Machine operator.....	*	*	do.....	*	*	*	*	*
20	Making soles.....	51	11	Piece.....	12 15	15 82	7 98	12 90	658
21	do.....	51	11	do.....	13 15	16 07	5 49	11 82	603
22	Matcher.....	51	11	do.....	6 80	8 29	2 11	6 96	355
23	do.....	52	12	Week.....	7 50	7 77	1 64	6 17	321
24	Marker.....	50	12	Piece.....	10 00	13 42	6 56	10 20	510
25	Over seamer.....	50	12	do.....	13 50	15 85	6 56	12 70	635
26	do.....	50	12	do.....	*	15 83	5 47	12 74	637
27	Paster.....	10	*1	do.....	6 00	6 00	2 32	4 80	48
28	do.....	18	*	do.....	8 90	11 79	5 47	8 61	155
29	Puncher.....	43	19	Week.....	5 00	5 32	55	3 98	171
30	Rubbing seams.....	43	*	Piece.....	9 00	12 09	3 43	8 58	369
31	Seamer.....	50	12	do.....	11 00	13 03	3 70	9 18	459
32	Sewer.....	19	*	do.....	10 00	10 31	3 32	7 32	139
33	do.....	51	11	do.....	10 00	12 71	7 25	8 71	444
34	do.....	47	*5	do.....	*	15 26	6 15	11 51	541
35	do.....	50	*2	do.....	*	10 38	1 06	6 66	333

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks em- ployed during year.
						Highest.	Lowest.		
ESTABLISHMENT B—Concluded.									
36	Sewer .....	11	*	Piece.....	\$10 00	\$10 99	\$7 09	\$ 8 25	\$ 91
37	Sizer .....	31	*	Week .....	3 00	3 09	1 64	2 29	70
38	do. ....	52		do. ....	5 00	5 18	1 45	4 13	215
39	Skiver .....	4		*	*	9 91	1 73	6 75	27
40	do. ....	7		*	*	4 36	76	3 43	24
41	do. ....	52		Week .....	*	7 64	1 38	6 10	317
42	do. ....	50	*2	Piece.....	8 00	9 00	3 95	7 70	385
43	Sorter .....	15	*	Week .....	3 00	3 00	85	2 53	38
44	do. ....	17	*	do. ....	3 00	3 00	98	2 59	44
45	Stayer .....	50	*2	Piece.....	*	13 73	2 50	8 20	410
46	Stitcher .....	51	\$1	do. ....	12 00	16 69	8 00	14 06	717
47	do. ....	51	\$1	do. ....	12 00	13 30	5 02	10 84	553
48	do. ....	52		do. ....	14 00	16 47	3 41	14 96	778
49	do. ....	51		do. ....	10 00	12 92	3 28	8 71	444
50	do. ....	51	\$1	do. ....	12 00	15 71	6 43	12 84	655
51	do. ....	5		do. ....	12 00	9 36	2 47	6 00	30
52	do. ....	49	\$3	Week .....	12 00	12 76	3 71	10 82	530
53	do. ....	48	\$4	Piece.....	10 00	14 49	5 31	11 81	567
54	do. ....	52		Week .....	14 00	14 51	1 91	12 52	651
55	do. ....	22	*	Piece.....	12 00	15 67	4 93	11 81	260
56	do. ....	49	13	do. ....	*	14 74	8 33	12 12	594
57	Trimmer .....	52		do. ....	12 00	15 91	2 60	13 61	708
58	do. ....	52		Week .....	7 00	4 07	1 36	3 21	167
59	do. ....	42	*10	Piece.....	10 00	13 94	4 24	8 88	373
60	do. ....	19		do. ....	*	14 61	5 84	10 31	196
61	do. ....	50	*2	do. ....	12 00	14 89	4 75	12 82	641
62	do. ....	51	*1	do. ....	10 00	11 71	4 83	9 94	507
63	do. ....	51	11	Week .....	*	4 42	85	3 12	159
64	Topper .....	49	13	Piece.....	12 00	15 69	6 72	11 06	542
65	Vamper .....	8		do. ....	10 00	12 31	3 60	9 22	74
66	do. ....	51	11	do. ....	14 00	17 36	4 10	12 49	647
67	do. ....	50	12	do. ....	12 00	12 35	2 18	8 74	437
68	do. ....	27	\$7	do. ....	10 00	12 41	2 80	8 74	236
69	do. ....	18		do. ....	10 00	11 64	3 71	8 83	159
70	do. ....	52		Week .....	12 00	12 00	3 38	11 38	592
71	do. ....	21	\$2	*	12 00	15 60	4 60	12 52	263
72	do. ....	15		Piece.....	9 00	10 63	3 48	8 60	129
73	do. ....	46	\$6	do. ....	10 00	12 42	5 18	10 15	467
74	do. ....	52		do. ....	*	14 13	4 13	11 25	585
75	do. ....	51	11	do. ....	*	16 28	5 01	12 39	632
76	do. ....	51	11	do. ....	9 00	10 20	1 93	7 76	396
ESTABLISHMENT C.									
1	Checker .....	30		Piece.....	9 40	12 15	4 40	6 93	206
2	Closer .....	50	*2	do. ....	7 60	9 40	5 20	6 50	325
3	do. ....	48		do. ....	9 01	14 70	6 30	7 83	376
4	do. ....	48	4	do. ....	5 95	10 30	4 90	5 21	250
5	Fitter .....	51	11	do. ....	13 35	17 05	4 40	8 18	417
6	Folder .....	51	11	do. ....	9 05	11 40	4 65	7 29	372
7	do. ....	51	11	do. ....	9 10	13 60	6 90	9 59	489
8	Hemmer .....	41	111	do. ....	8 90	10 05	3 60	6 14	252
9	Inker .....	51	11	do. ....	14 02	15 90	4 85	8 98	456
10	Making rub bals.	50	12	do. ....	12 05	15 22	6 68	9 04	452

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	RANGE DURING YEAR.		Current week.	Average for weeks employed.	Total for weeks employed during year.
					Highest.	Lowest.			
ESTABLISHMENT C—Concluded.									
11	Maker.....	51	¶1	Piece.....	\$ 6 85	\$ 9 60	\$4 50	\$ 6 49	\$331
12	do.....	50	¶2	do.....	8 40	10 15	5 30	6 32	346
13	Puncher.....	50	¶2	do.....	6 20	9 70	3 60	5 46	278
14	Stayer.....	51	¶1	do.....	8 80	11 55	4 10	7 49	382
15	do.....	51	¶1	do.....	9 35	12 25	4 80	6 37	325
16	Stitcher.....	51	¶1	do.....	13 05	15 45	7 05	11 65	594
17	do.....	51	¶1	do.....	9 90	13 55	6 00	9 57	498
18	do.....	51	¶1	do.....	6 20	13 00	6 05	9 23	471
19	do.....	50	¶2	do.....	8 10	10 85	4 10	6 62	331
20	do.....	50	¶2	do.....	11 65	13 45	4 00	7 46	373
21	Skiver.....	51	¶1	do.....	8 85	10 00	5 45	8 25	421
22	Tipper.....	32	¶1	do.....	8 95	11 05	4 40	9 72	311
23	do.....	51	¶1	do.....	8 20	11 90	3 45	9 51	281
24	Topper.....	51	¶1	do.....	14 85	17 40	5 35	9 12	485
25	do.....	51	¶1	do.....	7 80	13 65	5 45	7 14	364
26	Vamper.....	51	¶1	do.....	8 20	11 90	3 45	9 76	498

\* Not given. † Sickness and holidays. ‡ No work. § Sickness. || Began work. ¶ Vacation.  
 ° At home. \*\* Holidays.

Table 32—Continued.

## SHOES AND SLIPPERS.

This is not an extensive establishment. Owing to the opposition of the forewomen here only a small number of schedules were secured. The work is about the same as in the shoe factories; resting is not permitted except in case of sickness and a place is provided. The work can be done sitting and seats are furnished. No allowance is made for lost time, but no fines are imposed. The building is old and the shop is dark and dirty; no effort being made towards cleanliness. Separate rooms for wraps, changing clothes and toilet are provided for both sexes. The discipline seemed to be poor as much rough and boisterous talking was observed.

SHOES AND SLIPPERS—*One Establishment—Possible Working Time, 52 Weeks. Working Hours, 9½; from 7:00 to 5:00 p. m. Thirty Minutes Allowed for Lunch. Wages Payable Weekly. Building, Three Stories. One Elevator or Two Stairways.*

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Closer.....	44	*8	Piece.....	\$7 00	\$7 00	\$4 50	\$6 66	\$293
2	Slipper maker.....	32	†20	Hour.....	5 65	7 00	4 50	6 84	219
3	Topper.....	44	*8	do.....	8 00	8 00	5 10	7 29	321
4	Trimmer.....	20	†	Piece.....	7 50	7 50	5 40	7 45	149
5	Vamper.....	44	*8	Hour.....	8 00	8 00	5 10	7 11	313

\* Plant closed. † Sickness. ‡ Began work.

## SOAPS, TOILET ARTICLES, ETC.

This industry is here represented by 82 girls employed in 17 occupations in two establishments. The plants are clean, light and well ventilated; employes seem bright and happy; their work is of the lighter character, and they are, in this respect, decidedly preferable to men, one of these establishments is a mail order house and employ 150 girls in office work alone; these girls are taken from the factories, whenever they develop a capability for such a position. All told there are now employed in the two establishments 282 women and girls; workers for the first year are allowed one week of vacation, two weeks for the second year and thereafter. In one establishment most of the girls had been employed for a number of years.

Table 32—Continued.

SOAP, TOILET ARTICLES, ETC.—Two Establishments—Possible Working Time, 52 Weeks. Working Hours, A, 10, from 7:00 a. m. to 6:00 p. m.; B, 8, from 8:00 a. m. to 5:00 p. m. Buildings, respectively, Five Stories and Four Stories, Elevator and Stairways. Each Establishment Allows One Hour for Midday Lunch and Pays Wages Weekly.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT A.									
1	Crimper.....	9	*	Piece.....	\$ 6 33	\$11 31	\$6 33	\$8 33	\$ 75
2	Gold dust maker.....	51		*1 Week.....	4 80	7 40	30	5 49	280
3	..do.....	33		*19 ..do.....	4 60	5 90	2 32	4 82	159
4	..do.....	52		..do.....	4 60	5 90	2 70	5 15	268
5	Labeler.....	1	*	Piece.....	2 00	2 00	2 00	2 00	2
6	Machine operator.....	50		*2 Week.....	4 60	6 45	30	5 28	264
7	..do.....	40		*12 ..do.....	5 85	7 55	3 05	5 90	236
8	..do.....	5	*	Piece.....	7 26	7 26	3 62	5 40	27
9	..do.....	52		..do.....	4 77	12 00	1 77	4 88	254
10	..do.....	50		*2 ..do.....	7 53	10 54	1 71	5 94	297
11	..do.....	44		*8 ..do.....	5 67	9 00	1 42	5 30	233
12	..do.....	49		*3 ..do.....	9 73	11 86	1 67	6 18	303
13	..do.....	9	*	Day.....	6 05	5 74	3 60	4 44	40
14	..do.....	16	*	Piece.....	5 05	6 37	3 17	4 19	67
15	Nailer.....	50		*2 ..do.....	5 20	11 93	55	6 56	328
16	..do.....	52		*.....	6 62	11 72	2 68	7 35	382
17	Packer.....	21		*31 Week.....	4 60	5 31	1 71	3 95	83
18	..do.....	44		*8 ..do.....	4 60	5 90	1 90	5 34	235
19	..do.....	52		..do.....	7 66	10 91	1 60	8 30	432
20	Painter.....	29	†	..do.....	4 31	6 37	3 25	4 79	139
21	..do.....	52		..do.....	8 06	12 93	2 22	8 71	453
22	..do.....	7	*	..do.....	4 70	10 04	84	7 00	49
23	Paster.....	39	†	..do.....	7 88	10 06	2 10	6 51	254
24	..do.....	36	*	..do.....	7 16	8 29	72	5 86	211
25	Polisher.....	50		*2 ..do.....	10 07	14 04	48	8 72	436
26	Riveter.....	10	*	..do.....	6 32	6 37	2 25	4 60	46
27	..do.....	52		..do.....	4 77	14 10	1 25	8 06	419
28	..do.....	47		*5 ..do.....	10 79	13 00	45	7 81	367
29	..do.....	39	†	..do.....	8 48	10 58	2 75	5 18	202
30	Solderer.....	52		..do.....	6 89	11 97	3 97	8 12	422
31	..do.....	30	†	..do.....	7 35	10 72	1 50	7 60	228
32	..do.....	52		..do.....	4 04	10 08	1 53	5 75	299
33	..do.....	38		*14 ..do.....	3 24	12 95	3 39	8 03	305
34	..do.....	45		*7 ..do.....	8 72	12 43	4 30	8 69	391
35	..do.....	38		*14 ..do.....	6 52	11 17	88	7 11	270
36	..do.....	51		*1 ..do.....	5 00	11 08	1 17	6 59	336
37	..do.....	34	*	..do.....	7 04	13 65	3 45	8 82	300
38	..do.....	51		*1 ..do.....	7 25	10 58	1 00	4 96	253
39	..do.....	49		*3 ..do.....	5 74	9 08	73	5 10	250
40	..do.....	51		*1 ..do.....	8 07	11 93	2 29	7 19	367

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	RANGE DURING YEAR.		Current week.	Average for weeks employed.	Total for weeks employed during year.
					Highest.	Lowest.			
ESTABLISHMENT A—Concluded.									
41	Solderer.....	46	*6	Week....	\$4 86	\$8 37	\$1 50	\$5 02	\$231
42	do.....	51	*1	do.....	7 44	13 88	3 72	8 27	422
43	do.....	52		do.....	5 08	11 96	3 30	6 54	340
44	do.....	50	*2	do.....	6 96	10 31	23	7 14	357
45	do.....	52		do.....	7 38	11 59	5 18	7 58	394
46	do.....	48	*4	do.....	7 90	9 74	1 50	5 88	282
47	Wrapper.....	49	*3	do.....	8 60	11 72	75	7 80	382
48	do.....	52		do.....	7 71	11 67	2 34	8 31	432
49	do.....	52		do.....	8 43	10 50	2 56	7 85	406
50	do.....	52		do.....	7 51	8 58	1 28	6 48	337
51	do.....	51	*1	do.....	6 88	10 56	4 73	8 06	411
52	do.....	49	*3	do.....	5 56	8 49	2 56	6 39	313
53	do.....	52		do.....	7 91	10 84	1 42	7 75	408
54	do.....	52		do.....	4 40	11 39	4 28	8 50	442
55	do.....	52		do.....	4 95	11 58	1 35	7 04	366
56	do.....	52		do.....	6 30	7 50	2 21	6 88	358
57	do.....	52		do.....	7 19	10 82	3 96	7 65	396
58	do.....	38		do.....	7 51	8 79	2 94	6 71	255
59	do.....	52		do.....	4 88	7 03	3 21	5 79	301
60	do.....	35	*17	do.....	9 04	10 65	1 61	7 31	256
61	do.....	52		do.....	7 79	10 90	2 48	8 06	419
62	do.....	52		do.....	7 88	11 31	3 67	7 65	396
63	do.....	17	*	do.....	6 40	7 00	4 36	5 82	99
64	do.....	14	*	do.....	8 02	8 47	2 51	5 93	83
65	do.....		*		*	*	*	*	*
66	do.....		*	*	*	*	*	*	*
67	do.....		*	*	*	*	*	*	*
ESTABLISHMENT B.									
1	Boxer.....	47	*5	do.....	7 65	7 65	3 00	7 13	335
2	Checker.....	51	*1	do.....	7 50	7 50	6 90	7 51	388
3	do.....	50	12	do.....	6 00	6 00	5 00	5 48	273
4	Filler.....	50	*2	do.....	7 50	8 25	6 50	7 84	392
5	do.....	52		do.....	5 50	5 50	3 50	4 87	253
6	Labeler.....	51	11	do.....	5 50	5 50	4 00	5 49	290
7	do.....	50	*2	do.....	6 50	6 50	3 50	5 76	288
8	Perfumer.....	49	13	do.....	7 00	7 00	3 50	7 10	348
9	do.....	52		do.....	7 00	7 00	5 00	6 67	347
10	do.....	48	14	do.....	6 50	6 50	4 50	6 58	316
11	do.....	51	*1	do.....	8 00	8 00	7 50	8 04	410
12	Wrapper.....	50	12	do.....	7 00	7 50	6 65	7 30	365
13	do.....	51	11	do.....	7 50	7 50	6 25	7 25	370
14	do.....	52		Piece.....	6 45	7 50	5 55	6 38	322
15	do.....	51	11	do.....	6 45	7 50	4 00	6 47	330

\* Not given. † began work, ‡ sickness, § vacation, || no work.

Table 32—Continued.

## TACKS AND WIRE NAILS.

This is one establishment, its location is open, with abundance of light and ventilation. The girls are compelled to use the cars as the plant is remote from the residence district. The work is light and girls are specially adapted for the parts assigned to them. Several of the women were working at machines, putting caps or heads on tacks and nails used for upholstering. All machines are well guarded. Others are employed in packing tacks, nails, rivets, staples, etc., in paper or wooden boxes, labeling, etc., in readiness for the market.

**TACKS AND WIRE NAILS—One Establishment—Possible Working Time 52 Weeks. Working Hours 10 1-2, from 7 a. m. to 6 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building Three Stories. Elevator and Stairway.**

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed.
						Highest.	Lowest.		
1	Gluer.....	50	12	Piece.....	\$6 70	\$7 60	\$3 15	\$5 28	\$264
2	Packer.....	50	.....	do.....	6 70	7 40	4 40	5 81	302
3	do.....	43	19	do.....	6 75	7 55	4 23	5 94	251
4	do.....	46	16	do.....	4 90	7 02	3 90	5 15	287
5	do.....	48	14	do.....	5 10	6 25	3 25	4 68	222
6	do.....	49	13	do.....	4 50	7 50	4 48	5 67	278
7	do.....	48	14	do.....	6 10	8 00	3 80	6 28	302
8	do.....	43	19	do.....	5 10	5 84	3 15	6 56	252
9	do.....	11	*	do.....	4 10	5 60	2 95	3 91	430
10	Tin capper.....	41	§	do.....	5 75	7 35	3 66	5 49	225
11	do.....	39	113	do.....	6 20	7 85	3 50	5 23	204
12	do.....	49	13	do.....	5 85	6 55	3 90	4 67	229
13	do.....	52	.....	Hour.....	5 40	5 40	5 40	5 40	281

\* Not given. † At home. ‡ Sickness. § Began work. || Vacation.

Table 32—Continued.

## TELEPHONE SUPPLIES—MANUFACTURING.

This industry is represented by one establishment; notwithstanding the larger proportion of employees are men, the industry gives employment to a great number of women and girls. However, in the establishment considered the greatest number employed at any one time was given as 103, schedules were secured from 25, and unfortunately at a time when the plant was being moved, which accounts for all reporting lost time. The factory is new and modern in all of its appointments.

TELEPHONES—One Establishment—Possible Working Time 52 Weeks.  
Working Hours 9 1-2, from 7:30 a. m. to 5:30 p. m. Thirty Minutes  
Allowed for Mid-day Lunch. Wages Payable Weekly. Building  
Two-story. Stairways.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Attaching coils.....	28	*24	Hour....	\$3 55	\$4 00	\$2 25	\$3 46	\$ 97
2	Corder.....	42	*10	..do.....	4 70	5 85	3 45	4 14	174
3	..do.....	44	*8	..do.....	5 95	5 95	2 55	4 70	207
4	..do.....	44	*8	..do.....	5 10	5 85	4 45	5 45	240
5	Condenser.....	43	*9	..do.....	6 25	6 75	4 50	5 90	254
6	Helper.....	44	*8	..do.....	5 95	6 35	3 60	4 98	219
7	Insulator.....	44	*8	..do.....	6 80	6 80	4 15	5 27	232
8	..do.....	41	*11	..do.....	6 50	6 50	5 10	6 02	247
9	..do.....	41	*11	..do.....	5 30	6 50	5 05	6 00	246
10	Mounter.....	42	*10	..do.....	5 30	5 75	3 80	4 69	197
11	Platinum worker.....	44	*8	..do.....	6 20	6 25	2 85	4 61	203
12	Receiver worker.....	44	*8	..do.....	6 20	6 50	2 85	4 61	208
13	..do.....	44	*8	..do.....	5 55	5 85	3 05	5 39	237
14	Runner.....	41	*11	..do.....	5 95	6 55	3 20	5 20	213
15	Switch hook maker.....	42	*10	..do.....	4 80	6 50	3 70	4 40	185
16	Transmitter.....	44	*8	..do.....	6 70	6 70	3 95	5 04	222
17	Winder.....	44	*8	..do.....	4 95	5 05	2 85	4 50	196
18	..do.....	44	*8	..do.....	5 25	5 85	2 75	5 50	242
19	..do.....	43	*9	..do.....	5 40	5 85	4 45	4 74	204
20	..do.....	44	*8	..do.....	5 20	6 50	3 40	4 98	219
21	..do.....	34	*18	..do.....	4 70	4 90	4 00	4 23	144
22	Wired.....	40	*12	..do.....	5 90	6 25	4 40	5 82	233
23	..do.....	28	*24	..do.....	3 50	4 35	2 50	3 61	101
24	..do.....	44	*8	..do.....	6 05	6 35	4 25	5 73	252
25	..do.....	44	*8	..do.....	5 70	6 70	3 90	5 59	246

\* Moving plant.



Table 32—Continued.

## TENTS, AWNINGS, ETC.

Women and girls do all the lighter work in this industry, principally the operating of sewing machines. Men do all the heavier work; sewing by hand tents and awnings. Some difficulty is experienced in securing women and girls for this work, although their weekly earnings are above the average. All seem to be strong, healthy and pleased at their work.

TENTS, AWNINGS AND CANVAS GOODS—*One Establishment—Possible Working Time, 52 Weeks. Working Hours, 9½, from 7:30 a. m. to 5:30 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Payable Weekly. Building, Four Story; Elevators and Stairway.*

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	RANGE DURING YEAR.		Current week.	Average for weeks employed.	Total for weeks employed during year.
					Highest.	Lowest.			
1	Finisher .....	52	.....	Week....	\$11 00	\$11 00	\$11 00	\$11 00	\$572
2	Seamstress .....	52	.....	Piece....	6 00	11 15	5 30	8 27	430
3	..do. ....	52	.....	Week....	7 50	7 50	5 00	7 14	371
4	..do. ....	52	.....	Piece....	10 00	11 30	7 10	9 33	485
5	..do. ....	52	.....	..do....	9 00	10 05	6 70	8 38	436
6	..do. ....	51	*	..do....	10 00	11 30	7 40	9 75	497
7	..do. ....	52	.....	..do....	10 00	10 00	10 00	10 00	520
8	..do. ....	38	*14	..do....	9 00	10 30	6 75	8 45	321
9	..do. ....	30	†22	Week....	5 00	5 00	3 65	4 63	139
10	..do. ....	52	.....	..do....	6 00	5 85	3 65	4 83	251

\* Not given. † At home.

## UNDERWEAR.

A large number of women are employed in this industry because it is quite generally considered to be womens work. Two thirds here reported are machine operators. Any girl with ordinary intelligence who can operate a sewing machine may, in a short time, become an expert. The earnings of both those working by the piece and by the week range about the same, being in this instance from \$3.00 to \$9.00 and over a week.

Table 32—Continued.

UNDERWEAR, ETC.—One Establishment—Possible Working Time, 52 Weeks. Working Hours, 9; from 8:00 a. m. to 5:30 p. m. Thirty Minutes Allowed for Midday Lunch. Wages Payable Semi-Monthly. Building, Three Story; Elevator and Stairway.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
1	Golf ball maker .....	5	†	Week....	\$5 00	\$ 5 00	\$5 00	\$4 40	\$ 22
2	do. ....	5	†	do. ....	5 00	5 00	3 00	4 40	22
5	Hose supporter maker .....	45	*3	Piece....	5 15	6 33	4 00	4 80	216
4	do. ....	49	*3	Week....	4 50	4 50	4 00	3 59	176
5	Machine operator .....	50	*2	Piece....	5 65	6 15	3 50	4 18	209
6	do. ....	50	*2	do. ....	9 30	9 30	8 24	7 74	387
7	do. ....	36	†	Week....	4 50	4 50	2 35	3 17	114
8	do. ....	52		do. ....	7 00	7 00	6 50	5 98	311
9	do. ....	52		do. ....	7 00	7 58	6 75	6 65	346
10	do. ....	46	*6	Piece....	5 00	7 41	5 00	4 63	213
11	do. ....	42	*10	Week....	6 00	6 00	6 00	5 76	242
12	do. ....	52		do. ....	7 00	7 00	6 00	6 60	343
13	do. ....	32	*	do. ....	6 00	6 00	6 00	5 09	163
14	do. ....	52		do. ....	6 00	6 00	6 00	5 52	287
15	do. ....	48	*4	Piece....	7 83	8 84	7 08	7 15	343
16	do. ....	50	12	Week....	3 00	3 00	3 00	3 00	150
17	do. ....	48	*4	Piece....	3 35	5 61	3 83	4 08	196
18	do. ....	46	*6	do. ....	8 50	10 25	3 04	7 39	340
19	do. ....	51	*1	do. ....	9 21	9 21	5 84	6 88	351
20	do. ....	49	*	* .....	4 11	6 00	4 00	4 16	204
21	Preparing work .....	52		Week....	5 00	6 56	4 50	5 08	264
22	Presser .....	27	†	do. ....	6 83	7 87	4 83	5 96	161
23	do. ....	51	*1	Piece....	6 50	10 07	6 50	9 94	507

\* Not given. † Began work. ‡ Vacation. § Sickness.

*Table 32—Continued.*

## WATCH FACTORIES.

Reports were obtained from two establishments in this industry.

It is almost universally known and understood that the buildings and equipments of the watch factory of today are of the very best. The buildings are located in the most desirable locations, free from proximity with other buildings; and, while constructed with a view of accommodating the vast and complex machinery, necessary, the provisions for the employes are superlatively good, and calculated to enable them to attain the most profitable results both for themselves in the matter of wages, and for the employes in the execution and production of the finished work. The mechanism of the machinery is of the highest known grade, and of the most delicate and almost inexplicable construction, so that the woman or girl who, from a natural ability or acquired knowledge, can earn or command higher wages than in any other kind of factory employment. The preliminary instructions necessary, in most of the numerous occupations (64 here represented) takes from three to four months; but in some requiring superior proficiency, a longer service is required.

The health of women and girls is fully considered; at one establishment a hospital room is being prepared where a trained nurse will be in attendance employed by the management, to attend any one who might be overcome by sudden illness; and also to advise on matters of health. All girls are treated courteously and considerately, but little restraint is exercised, they talk and laugh almost at will; however, the great majority are piece workers and naturally pay very close attention to their work; those who have been at work for several years earn from \$12.00 to \$15.00 a week, and generally speaking employment is continuous throughout the year.

The girls in these factories are of a superior class, many of them are well educated, being graduates of high schools. The great majority of the girls live at comfortable homes; at one establishment the company has built a hotel with 250 or more rooms quite near the factory, about 100 girls were living there, a number have found a home in this hotel for 30 years. It is altogether comfortable and clean; the rooms are small but cozily furnished and well lighted and ventilated; the table is well supplied and the food is wholesome and clean. The second floor of the hotel is occupied by men only; one hall on the third floor is for married people; while two halls on this floor and the entire fourth floor is occupied by girls. In no case is an employe required to live here, and no unreasonable rules govern the place; it is both a convenient and comfortable residence for all employes who are without homes and is altogether a credit to the company.

Table 32—Continued.

WATCHES—Two Establishments—Possible Working Time, 52 Weeks.  
Working Hours, A, 9; from 7:00 a. m. to 5:00 p. m. Building,  
Three and Four Stories. B, 10, from 7:00 a. m. to 6:00 p. m.  
Building, Four Stories; Stairways. Both Allow Hour for Midday  
Lunch and Pay Wages Three Times a Month.

Number.	OCCUPATIONS.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year
						Highest.	Lowest.		
ESTABLISHMENT A.									
1	Adjuster .....	52		Day	*	\$ 8 30	\$ 7 00	\$ 7 08	\$367
2	do. ....	52		Piece	\$15 00	17 50	11 50	13 65	710
3	do. ....	50	*2	do.	15 00	15 23	13 90	14 48	724
4	do. ....	46	*16	do.	7 50	11 50	7 50	8 87	408
5	Baking bits. ....	16	*	do.	10 50	13 50	10 00	12 69	208
6	Beveler. ....	44	*8	do.	10 00	15 00	10 00	10 75	473
7	Blocker. ....	45	*7	do.	11 50	12 50	9 50	11 63	523
8	do. ....	42	*10	do.	12 50	15 00	9 50	13 40	563
9	do. ....	43	*19	Week	7 50	7 50	3 50	6 33	272
10	do. ....	50	*2	do.	9 50	9 50	5 60	6 30	315
11	Breaker. ....	20	*	Piece	8 50	9 00	8 25	8 95	179
12	Brusher. ....	14	*	Week	6 25	6 25	4 25	4 38	69
13	Burrer. ....	37	*15	Piece	11 25	12 50	10 54	11 35	430
14	do. ....	46	*16	do.	8 85	10 00	1 73	8 45	390
15	do. ....	48	*4	do.	11 50	13 54	8 90	11 35	545
16	Cementor. ....	43	*9	do.	9 00	10 00	5 00	9 05	399
17	Cleaner. ....	52		Week	6 25	6 35	4 00	4 17	317
18	do. ....	52		Piece	10 00	11 00	9 00	9 50	494
19	Counter sinker. ....	46	*6	do.	13 90	16 04	9 52	14 54	369
20	do. ....	49	*3	do.	11 39	14 08	9 52	12 06	391
21	do. ....	50	*2	do.	7 59	9 54	4 29	7 16	348
22	do. ....	48	*4	do.	11 39	14 25	11 25	12 65	607
23	do. ....	46	*6	do.	11 38	12 57	8 54	10 96	504
24	do. ....	49	*3	do.	7 59	9 50	4 57	7 14	350
25	do. ....	50	*2	do.	10 12	12 32	7 29	10 46	523
26	Cutter. ....	43	*9	do.	8 85	10 32	5 04	9 40	404
27	do. ....	50	*2	do.	8 85	11 11	6 22	9 04	452
28	do. ....	45	*7	do.	10 10	11 32	5 04	9 47	426
29	do. ....	50	*2	do.	8 85	10 80	8 51	9 02	451
30	do. ....	51	*1	do.	8 86	11 50	7 00	9 27	478
31	do. ....	49	*3	do.	12 64	13 54	7 50	9 86	488
32	Damascener. ....	50	*2	do.	10 00	12 66	7 76	10 64	532
33	do. ....	45	*7	do.	8 86	12 79	6 04	9 84	443
34	do. ....	37	*15	do.	8 85	11 04	6 54	12 19	451
35	do. ....	50	*12	do.	11 39	13 82	9 29	11 56	578
36	do. ....	40	*12	do.	7 60	11 32	2 32	9 70	388
37	Distributor. ....	49	*3	do.	12 64	14 32	10 54	12 39	607
38	Driller. ....	45	*7	do.	8 86	12 14	7 08	10 53	474
39	do. ....	45	*7	do.	7 60	7 78	2 40	6 82	307
40	do. ....	26	*26	do.	6 32	7 07	2 54	6 15	160
41	do. ....	48	*4	do.	8 85	10 57	3 82	9 27	445
42	do. ....	49	*3	do.	10 10	11 57	3 57	10 10	495
43	do. ....	42	*10	do.	10 12	12 82	10 80	10 98	461
44	do. ....	52		do.	14 30	14 30	12 00	12 27	638
45	Engraver. ....	46	*6	do.	11 40	13 54	7 30	10 37	477

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
ESTABLISHMENT A—Continued.										
46	Facer.....	43	*3	Piece.....	\$10 10	\$12 08	\$ 5 80	\$11 91	\$512	
47	Filer.....	50	*2	..do.....	15 18	19 54	15 54	17 30	965	
48	Finisher.....	50	*2	..do.....	12 65	15 79	10 53	13 48	674	
49	..do.....	9	*	Day.....	7 50	7 50	3 35	3 89	35	
50	..do.....	48	*9	Piece.....	10 10	13 80	9 30	11 72	504	
51	..do.....	46	*6	..do.....	8 86	11 00	5 50	8 20	377	
52	..do.....	37	*15	..do.....	15 17	17 10	4 92	17 16	635	
53	..do.....	40	*12	..do.....	10 10	11 85	7 42	11 63	465	
54	Fitter.....	48	*14	Week.....	7 50	7 50	5 30	7 23	347	
55	..do.....	48	*14	Piece.....	11 38	13 32	9 28	11 08	532	
56	..do.....	47	*5	..do.....	10 10	14 32	6 82	11 26	529	
57	..do.....	51	*1	..do.....	8 86	12 08	8 28	9 47	483	
58	..do.....	51	*1	..do.....	10 10	11 30	9 50	9 86	503	
59	..do.....	47	*15	..do.....	13 30	15 14	5 42	9 53	462	
60	..do.....	47	*5	..do.....	14 43	15 50	9 75	12 77	600	
61	Grinder.....	43	*19	..do.....	10 10	13 30	2 28	11 35	488	
62	..do.....	41	*11	..do.....	8 85	11 80	2 82	9 15	334	
63	Gauger.....	46	*	..do.....	8 86	11 30	4 33	9 83	452	
64	..do.....	50	*2	..do.....	10 10	11 80	8 71	10 02	501	
65	Hair spring maker.....	42	*10	..do.....	10 10	12 25	9 40	11 33	476	
66	..do.....	36	*	..do.....	8 86	10 10	7 00	7 50	270	
67	..do.....	36	*	..do.....	11 40	14 30	5 04	10 78	398	
68	Jewel washer.....	46	*6	..do.....	11 49	12 60	7 54	12 11	557	
69	Lap maker.....	52	*	..do.....	13 30	15 07	13 04	13 13	683	
70	Lathe worker.....	48	*4	..do.....	8 86	12 62	5 85	9 90	475	
71	Lever placer.....	50	*2	..do.....	10 12	11 07	7 29	9 76	488	
72	Milling.....	46	*6	..do.....	11 40	15 00	9 40	12 41	571	
73	..do.....	51	*1	..do.....	12 65	15 08	11 00	11 71	597	
74	..do.....	46	*6	..do.....	9 61	11 80	9 61	10 76	495	
75	Numberer.....	49	*3	..do.....	7 58	9 28	4 54	7 12	349	
76	Nickle plater.....	42	*10	..do.....	8 85	10 80	7 80	10 86	456	
77	..do.....	48	*4	..do.....	8 85	11 30	6 82	9 51	471	
78	Oilier.....	50	*2	..do.....	10 00	10 30	5 80	9 34	467	
79	..do.....	40	*12	..do.....	11 40	12 75	11 25	11 95	478	
80	..do.....	50	*2	..do.....	12 65	15 64	11 76	13 20	660	
81	Ornamenter.....	37	*15	..do.....	10 12	15 30	6 85	13 62	504	
82	Pallet worker.....	45	*7	..do.....	8 85	10 75	6 99	9 09	409	
83	..do.....	51	*1	..do.....	8 80	10 05	8 50	8 69	443	
84	Pinion maker.....	45	*7	..do.....	11 40	12 80	7 50	10 62	478	
85	Pivoter.....	46	*6	..do.....	8 85	10 80	7 30	9 52	438	
86	..do.....	48	*4	..do.....	8 85	11 20	7 95	9 25	444	
87	..do.....	43	*19	..do.....	7 60	10 27	6 80	10 30	443	
88	Poiser.....	22	*30	..do.....	11 05	11 08	5 30	6 77	149	
89	..do.....	47	*5	..do.....	8 86	12 56	7 60	10 81	506	
90	..do.....	12	*	..do.....	8 86	9 00	4 00	6 83	82	
91	..do.....	42	*10	..do.....	12 65	16 25	9 12	15 38	646	
92	..do.....	50	*2	..do.....	10 87	13 28	7 04	11 14	557	
93	..do.....	50	*2	..do.....	10 12	13 21	9 32	10 80	545	
94	Polisher.....	51	*1	..do.....	7 60	10 80	6 32	8 96	457	
95	..do.....	52	*2	..do.....	8 86	9 82	8 54	8 86	443	

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year	
						Highest.	Lowest.			
ESTABLISHMENT A—Concluded.										
96	Polisher.....	45	*7	Piece.....	\$10 11	\$10 25	\$ 5 75	\$ 9 58	\$431	
97	..do.....	48	14	..do.....	6 34	8 57	3 54	6 67	320	
98	..do.....	47	*5	..do.....	10 12	10 35	5 30	9 00	423	
99	..do.....	43	*9	..do.....	10 12	13 32	9 54	10 93	470	
100	..do.....	48	*4	..do.....	11 40	13 34	5 10	11 13	534	
101	..do.....	48	*4	..do.....	8 87	12 75	3 29	9 17	440	
102	..do.....	48	*4	..do.....	12 65	16 50	11 25	13 81	663	
103	..do.....	51	*1	..do.....	12 64	13 55	12 00	12 06	615	
104	Profiler.....	50	*2	..do.....	10 12	12 07	7 54	10 00	500	
105	Puncher.....	52	.....	..do.....	11 40	16 04	7 08	11 92	620	
106	Repairer.....	52	.....	..do.....	11 40	12 56	10 28	10 38	540	
101	..do.....	48	*4	..do.....	11 40	13 32	6 90	11 58	556	
108	Screw placer.....	51	*1	..do.....	10 12	11 57	9 50	10 04	512	
109	..do.....	48	*4	..do.....	8 86	9 32	2 54	7 85	377	
110	..do.....	43	*9	..do.....	8 85	10 75	1 75	9 53	410	
111	Staker.....	35	*17	..do.....	8 85	11 19	4 62	9 34	327	
112	Stamper.....	48	*4	..do.....	13 91	17 32	5 08	13 33	640	
113	..do.....	46	16	..do.....	13 92	21 08	7 54	14 20	653	
114	..do.....	51	*1	..do.....	8 04	20 30	8 04	16 96	865	
115	..do.....	49	13	..do.....	8 00	18 50	8 00	15 14	742	
116	..do.....	48	*4	..do.....	12 50	21 75	11 75	15 71	754	
117	..do.....	49	13	..do.....	10 14	13 54	9 29	10 96	537	
118	Stemfitter.....	46	*6	..do.....	10 12	11 29	8 04	10 09	464	
119	..do.....	50	*2	..do.....	8 82	8 82	6 29	6 62	331	
120	..do.....	49	*3	..do.....	8 86	10 25	6 75	8 63	423	
121	..do.....	50	12	..do.....	8 84	11 07	8 04	8 90	445	
122	Stud maker.....	51	*1	..do.....	8 86	11 75	8 75	11 47	585	
123	Swedger.....	34	18	..do.....	11 40	15 00	8 50	12 79	435	
124	..do.....	46	*6	..do.....	12 65	15 07	7 32	13 24	609	
125	..do.....	48	*4	..do.....	8 88	12 54	6 25	8 96	430	
126	Timer.....	50	*2	Day.....	7 50	8 54	7 00	7 50	375	
127	..do.....	46	*6	Piece.....	8 86	11 04	8 07	10 48	482	
128	..do.....	47	15	Day.....	7 50	9 52	7 04	8 55	402	
129	Trainer.....	49	*3	Piece.....	8 86	11 29	5 82	8 73	428	
130	..do.....	14	*	..do.....	7 61	7 61	3 75	7 21	101	
131	..do.....	51	*1	..do.....	9 36	11 32	3 04	8 71	444	
132	..do.....	49	*3	..do.....	10 12	13 04	8 82	10 22	501	
133	Toolmaker.....	52	.....	..do.....	13 39	14 57	12 00	12 48	649	
134	Turner.....	50	*2	..do.....	10 11	11 07	9 29	9 92	496	
135	..do.....	49	*3	..do.....	8 85	10 32	8 90	9 41	461	
136	..do.....	49	*3	..do.....	10 11	11 32	6 50	9 88	484	
137	Weigher.....	48	*4	..do.....	11 38	13 29	8 08	12 21	586	
138	Wind and set.....	52	*2	..do.....	11 40	15 40	6 06	10 88	544	

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.				
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.
						Highest.	Lowest.		
ESTABLISHMENT B.									
1	Adjuster.....	48	14	Week....	\$ 7 70	\$ 7 70	\$ 7 40	\$ 7 50	\$360
2	..do.....	48	14	Piece....	7 50	8 00	6 50	6 88	330
3	Balance poiser.....	48	14	Week....	7 37	7 37	7 37	7 38	354
4	..do.....	48	14	Piece....	9 90	11 00	5 50	10 83	520
5	Bench hand.....	48	14	..do.....	5 50	5 50	2 75	5 00	240
6	..do.....	42	110	Week....	6 87	6 87	6 87	7 14	300
7	..do.....	48	14	..do.....	5 50	5 50	2 75	3 83	184
8	..do.....	48	14	Piece....	10 00	12 00	7 50	10 00	480
9	..do.....	48	10	..do.....	9 00	9 00	7 00	8 79	422
10	..do.....	48	14	..do.....	10 00	12 00	5 00	10 00	480
11	..do.....	48	14	Week....	7 00	9 00	5 50	7 00	336
12	..do.....	48	14	Piece....	9 00	10 00	7 00	9 38	450
13	..do.....	46	16	..do.....	10 00	15 00	8 00	10 43	480
14	..do.....	50	12	..do.....	7 00	9 00	5 00	6 72	336
15	..do.....	50	12	..do.....	9 00	10 00	6 00	9 20	460
16	..do.....	50	12	..do.....	9 00	10 00	6 00	9 20	460
17	Driller.....	48	14	..do.....	10 00	11 00	9 00	10 42	500
18	..do.....	48	14	..do.....	11 00	12 00	9 00	10 42	500
19	Enameler.....	48	14	Week....	6 87	6 87	6 87	6 88	330
20	Gauger.....	48	14	..do.....	4 12	4 12	2 75	3 44	165
21	Jewel cutter.....	46	16	Piece....	10 00	12 00	9 00	10 43	480
22	Jewel fitter.....	48	14	Week....	8 25	8 25	8 25	8 33	400
23	Jewel polisher.....	47	15	Piece....	5 50	5 50	4 00	4 89	230
24	..do.....	48	14	..do.....	9 00	9 00	7 00	8 65	415
25	..do.....	41	111	..do.....	7 50	8 75	6 25	8 78	360
26	..do.....	47	15	..do.....	7 50	7 50	5 50	6 38	300
27	Jewel screwer.....	48	14	Week....	7 70	7 70	7 00	7 50	360
28	..do.....	48	14	..do.....	7 70	7 70	7 70	7 71	370
29	Lathe operator.....	48	14	Piece....	5 50	6 00	5 00	6 00	288
30	..do.....	48	14	..do.....	8 25	9 00	7 00	7 71	370
31	..do.....	48	14	..do.....	6 60	6 00	6 40	6 58	316
32	..do.....	48	14	..do.....	6 00	6 00	5 00	6 25	300
33	..do.....	48	14	..do.....	8 25	8 25	7 50	7 83	376
34	..do.....	48	14	..do.....	10 00	10 00	8 00	10 00	480
35	..do.....	48	14	..do.....	8 75	8 75	6 50	7 81	375
36	..do.....	48	14	..do.....	8 75	9 00	2 75	7 08	340
37	..do.....	48	14	..do.....	7 00	8 00	6 00	6 79	326
38	..do.....	48	14	..do.....	7 00	9 00	6 00	6 38	306
39	..do.....	48	14	..do.....	6 50	8 25	5 50	6 56	315
40	..do.....	48	14	..do.....	5 50	5 50	2 75	5 00	240
41	..do.....	48	14	..do.....	8 25	10 50	7 00	8 54	410
42	..do.....	48	14	..do.....	7 00	7 50	5 50	6 25	300
43	..do.....	48	14	Week....	8 25	9 00	6 50	8 23	395
44	..do.....	48	14	Piece....	11 00	11 00	9 00	10 83	520
45	..do.....	48	14	..do.....	8 00	8 00	6 50	7 50	360
46	..do.....	48	14	..do.....	7 85	9 00	7 00	8 23	395
47	..do.....	48	14	..do.....	7 25	7 25	4 50	6 25	300
48	..do.....	48	14	..do.....	9 50	9 50	7 50	8 70	418
49	..do.....	48	14	..do.....	8 50	9 00	7 50	8 13	390
50	..do.....	48	14	Week....	5 50	5 50	2 75	4 21	202

Table 32—Continued.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed during year.	
						Highest.	Lowest.			
ESTABLISHMENT B—Continued.										
51	Lathe operator .....	48	14	Piece.....	\$ 8 00	\$ 8 00	\$ 6 50	\$ 7 50	\$380	
52	do.....	48	14	do.....	5 50	5 50	4 50	5 00	240	
53	do.....	47	{ †1	5 do.....	6 50	7 00	5 50	6 91	325	
54	do.....	48	14	do.....	9 00	10 00	4 00	8 75	420	
55	do.....	48	14	do.....	8 50	10 50	4 00	8 75	420	
56	do.....	48	14	do.....	10 00	12 00	9 00	10 42	500	
57	do.....	48	14	do.....	6 50	7 00	2 75	6 25	300	
58	do.....	48	14	do.....	6 50	8 00	5 00	6 25	300	
59	do.....	48	14	do.....	6 75	7 00	5 50	6 25	300	
60	do.....	48	14	do.....	11 00	12 00	9 00	10 42	500	
61	do.....	48	14	do.....	8 50	10 00	7 00	8 33	400	
62	do.....	47	{ †1	5 do.....	6 00	8 00	5 00	5 53	260	
63	do.....	36	{ †12	16 do.....	11 00	13 00	9 00	11 94	430	
64	do.....	45	{ †3	7 do.....	8 50	11 00	7 00	8 33	375	
65	do.....	48	14	do.....	8 00	8 00	5 50	7 81	375	
66	do.....	47	{ †1	5 do.....	8 25	10 00	8 00	8 30	390	
67	do.....	48	14	do.....	10 50	12 00	9 00	10 42	500	
68	do.....	48	14	do.....	7 35	8 50	6 50	7 29	350	
69	do.....	48	14	do.....	8 25	9 00	7 50	8 33	400	
70	do.....	48	14	do.....	5 50	6 85	5 00	5 42	260	
71	do.....	48	14	do.....	6 30	7 20	3 00	6 25	300	
72	do.....	48	14	do.....	10 00	12 00	7 00	8 75	420	
73	do.....	48	14	do.....	8 75	9 50	7 50	8 75	420	
74	do.....	48	14	do.....	9 00	10 00	8 00	8 13	390	
75	do.....	48	14	do.....	8 00	8 00	7 00	7 58	364	
76	do.....	48	14	do.....	8 00	8 00	6 50	7 29	350	
77	do.....	24	{ †26	28 Week.....	4 12	4 12	2 75	2 88	69	
78	do.....	49	†3	Piece.....	10 00	15 00	8 50	10 20	500	
79	Numberer.....	48	14	Week.....	7 50	7 50	7 50	7 50	360	
80	Pinion cutter.....	47	15	Piece.....	10 00	11 00	7 00	9 57	450	
81	Polisher.....	48	14	do.....	10 00	12 00	9 00	10 42	500	
82	Screw blocker.....	48	14	do.....	3 75	3 75	2 75	3 65	175	
83	do.....	48	14	do.....	7 00	7 50	6 00	6 50	312	
84	Screw fitter.....	48	14	Week.....	5 50	5 50	2 50	2 60	125	
85	Screw maker.....	48	14	Piece.....	8 75	8 75	4 50	7 81	375	
86	Spring gauger.....	48	14	Week.....	9 57	9 57	9 57	9 58	460	
87	Stripper.....	48	14	do.....	5 50	5 50	4 10	5 21	250	
88	Swedge presser.....	45	{ †3	7 do.....	5 50	5 50	5 00	5 44	245	
89	Transferer.....	48	14	Piece.....	11 00	12 00	9 00	11 25	540	
90	Washer.....	48	14	Week.....	6 87	6 87	5 50	6 68	330	

\* Not given. † Sickness. ‡ Vacation.



Table 32—Concluded.

## WOOLEN GOODS.

In this industry nearly the entire force, both men and women, operate different kinds of machines. The women and girls are not required to serve an apprenticeship, but must give at least two weeks to learn to run a machine. In the weaving department a beginner must pay \$10.00 to an expert, for instructions, which takes from two to three weeks before they are proficient to operate a machine alone. The sanitary conditions are fair; the ventilation is regulated in summer by electric fans; the entire plant is lighted by electricity. No serious accidents have occurred here during the year; some slight accidents have occurred, but all were owing to the carelessness of the operators. Judging generally from appearances the work in no way effects the health of the employées.

WOOLEN GOODS—One Establishment—Possible Working Time, 52 Weeks. Working Hours, 10 1-12, from 7:00 a. m. to 6:00 p. m. Fifty five Minutes Allowed for Midday Lunch. Wages Paid Weekly. Building, Three Stories; Stairway.

Number.	OCCUPATION.	EMPLOYMENT.			WAGES AND EARNINGS.					
		Weeks at work.	Time lost—weeks.	How paid.	Current week.	RANGE DURING YEAR.		Average for weeks employed.	Total for weeks employed.	
						Highest.	Lowest.			
1	Backburler .....	48	*4	Piece.....	\$ 6 00	\$ 6 75	\$5 00	\$ 6 00	\$288	
2	do. ....	48	*4	do. ....	6 00	7 00	5 00	6 00	288	
3	Card tender .....	46	*6	Week.....	4 50	4 50	4 50	4 50	207	
4	do. ....	51	†1	do. ....	4 50	4 50	4 20	4 31	220	
5	do. ....	51	†1	do. ....	4 50	4 50	4 25	4 31	220	
6	Card finisher .....	40	†12	do. ....	6 00	6 00	6 00	6 00	240	
7	Drawer .....	51	†1	do. ....	8 10	8 10	8 10	8 10	413	
8	Finisher .....	49	†3	do. ....	6 00	6 00	6 00	6 00	294	
9	do. ....	46	*6	do. ....	5 40	5 40	3 00	4 35	200	
10	Measurer .....	52		do. ....	6 60	6 60	6 50	6 54	340	
11	Mender .....	46	*6	do. ....	5 40	5 50	5 40	5 43	250	
12	do. ....	50	*2	do. ....	5 40	5 40	5 40	5 40	270	
13	do. ....	44	*8	do. ....	5 40	5 40	5 30	5 34	235	
14	do. ....	50	*2	do. ....	5 40	5 40	5 40	5 40	270	
15	Spinner .....	40	*12	Piece.....	6 00	7 00	4 00	6 00	240	
16	do. ....	47	*5	do. ....	10 00	11 00	8 50	10 00	470	
17	do. ....	51	†1	do. ....	6 00	7 00	4 50	5 88	300	
18	do. ....	51	†1	do. ....	6 00	6 00	4 00	4 49	229	
19	Spooler .....	46	*6	Week.....	3 90	3 90	3 85	3 89	179	
20	do. ....	47	*5	do. ....	4 50	4 50	4 40	4 47	210	
21	do. ....	46	*6	do. ....	3 90	3 90	3 85	3 89	179	
22	do. ....	47	*5	do. ....	3 90	3 90	3 80	3 83	180	
23	Warper .....	47	*5	do. ....	4 50	4 50	4 50	4 47	210	
24	Weaver .....	46	*6	Piece.....	8 00	9 00	6 00	7 61	350	
25	do. ....	46	*6	do. ....	9 00	11 00	8 00	9 00	414	
26	do. ....	49	*3	do. ....	9 00	10 50	6 00	8 98	440	
27	do. ....	47	*5	do. ....	10 00	11 00	7 00	9 57	450	
28	do. ....	46	*6	do. ....	9 00	11 50	8 00	9 00	414	

\* No work. † Holidays. ‡ Sickness.

## CLASSIFIED WEEKLY WAGES.

Table 33 gives the number of women and girls employed in each occupation in every industry, with the classified weekly wages or earnings of women and girls in occupation groups, ranging from under \$4.00 to \$14.00 and over. This classification of the number earning specified sums as weekly wages was secured from the pay rolls for the week the several reports were secured, and therefore represents approximately the sums actually earned by each group.

TABLE 33—*Number Employed and Classified Weekly Wages Paid for the Week the Report was Secured.*

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
BAKERIES.....	60	....	2	5	16	9	7	6	8	3	*4	....	....
Box maker.....	1	....	1	....	....	....	....	....	....	....	....	....	....
Formers.....	2	....	....	1	1	....	....	....	....	....	....	....	....
Helpers.....	7	....	....	5	2	....	....	....	....	....	....	....	....
Labelers.....	8	....	1	1	2	2	2	....	....	....	....	....	....
Liners.....	1	....	....	....	....	....	....	....	1	....	....	....	....
Packers.....	34	....	....	3	2	5	5	6	6	3	4	....	....
Parer.....	1	....	....	....	1	....	....	....	....	....	....	....	....
Slicers.....	4	....	....	....	4	....	....	....	....	....	....	....	....
Stamper.....	1	....	....	....	....	....	....	....	1	....	....	....	....
Weigher.....	1	....	....	....	1	....	....	....	....	....	....	....	....
BINDING TWINE, CANVAS, ETC.....	170	....	....	3	7	30	68	29	13	5	3	3	*9
Ballers.....	31	....	....	....	....	6	9	11	4	1	....	....	....
Coremakers.....	31	....	....	....	1	2	2	1	7	3	3	3	9
Counter.....	1	....	....	....	....	....	....	1	....	....	....	....	....
Coverer.....	1	....	....	1	....	....	....	....	....	....	....	....	....
Finishers.....	8	....	....	....	2	3	1	2	....	....	....	....	....
Machine operator.....	1	....	....	....	....	....	1	....	....	....	....	....	....
Marker.....	1	....	....	1	....	....	....	....	....	....	....	....	....
Plier.....	1	....	....	....	....	....	....	1	....	....	....	....	....
Preparers.....	31	....	....	....	1	13	15	2	....	....	....	....	....
Riveters.....	6	....	....	....	....	1	3	1	1	....	....	....	....
Sacker.....	1	....	....	1	....	....	....	....	....	....	....	....	....
Sealer.....	1	....	....	....	....	1	....	....	....	....	....	....	....
Sewers.....	3	....	....	....	....	....	2	1	....	....	....	....	....
Spinners.....	50	....	....	....	3	3	32	10	1	1	....	....	....
Stacker.....	1	....	....	....	....	1	....	....	....	....	....	....	....
Tackers.....	2	....	....	....	....	....	2	....	....	....	....	....	....
BLANK BOOKS.....	4	*1	2	1	....	....	....	....	....	....	....	....	....
Paste carbon.....	1	....	1	....	....	....	....	....	....	....	....	....	....
Press operators.....	2	1	1	....	....	....	....	....	....	....	....	....	....
Stitcher.....	1	....	....	1	....	....	....	....	....	....	....	....	....

\* One each \$14.30, \$14.70, \$15.00, \$15.05, \$15.15, \$15.50, \$16.35, \$16.70 and \$17.80. † \$3.60.

Table 33—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
BONNETS.....	19	2	4	5	3	1	2	2	.....	.....	.....	.....	.....
Bonnet makers.....	6	2	1	.....	.....	1	.....	2	.....	.....	.....	.....	.....
Buffers.....	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Fluter.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Folder.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gatherer.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Hemmers.....	5	.....	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....
Hose support makers.....	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Twiller.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BOOTS AND SHOES.....	39	1	3	3	7	7	6	5	3	1	1	1	11
Finishers.....	3	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....
Folders.....	3	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....
Lathe worker.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Lining makers.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
Lining seamer.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Machine operators.....	9	.....	.....	.....	.....	1	2	2	3	1	.....	.....	.....
Over caster.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over seamers.....	2	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Packers.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puncher.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
Sample work.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Skivers.....	3	.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....
Stitchers.....	4	.....	.....	.....	1	1	1	1	.....	.....	.....	.....	1
Table workers.....	5	1	1	.....	2	1	.....	.....	.....	.....	.....	.....	.....
Vamper.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
BROOMS.....	4	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....
Sorters.....	4	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....
CHAIRS AND BABY CARRIAGES.....	15	1	2	2	.....	6	2	.....	1	.....	.....	1	.....
Machine operators.....	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Seamstresses (hand).....	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Upholsterers.....	3	.....	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....
Weavers.....	6	.....	1	1	.....	1	2	.....	.....	.....	.....	1	.....
Wrappers.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CHEWING GUM.....	47	1	3	5	7	8	15	6	2	.....	.....	.....	.....
Bander.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Labelers.....	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Machine operators.....	9	.....	.....	.....	3	3	3	.....	.....	.....	.....	.....	.....
Machine tester.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Trimmer.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wrappers.....	33	1	3	3	4	5	9	6	2	.....	.....	.....	.....

\* Each \$3.00. † \$3.00. ‡ \$14.65. § \$3.50. || \$3.10.

Table 33—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
CIGARS .....	82	.....	1	4	9	19	14	6	4	2	2	9	*12
Banders .....	9	.....		2	4	2	.....	.....	.....	.....			1
Bunch makers .....	4	.....									1	3	
Packer .....	1	.....											1
Rollers .....	35	.....	1	1	1	2	4	4	4	1	1	6	10
Selectors .....	13	.....				6	5	1	.....	1			
Stamper .....	1	.....				1							
Strippers .....	18	.....		1	4	8	4	1	.....				
CLOTHING .....	29	†2	3	.....	6	5	2	2	2	1	2	1	‡3
Button hole makers .....	4	.....						1	1	.....	1	.....	1
Canvas baster .....	1	.....		1									
Hand workers .....	14	1	2	5	5	3	1	.....	1	1	.....		
Machine operators .....	10	1		1	1	2	1	1	.....		1	1	2
CONFECTIONERY .....	138	§1	29	31	18	9	5	7	5	3	.....	.....	.....
Carrier .....	1	.....		1									
Dippers .....	37	7	6	5	7	2	3	3	2	2	.....	.....	.....
Fillers .....	2	.....	1			1							
Helpers .....	2	.....	1	1									
Iceers .....	3	.....	2										
Labler .....	1	.....	1										
Maker .....	1	.....					1						
Package throwers .....	2	1	1										
Packers .....	40	10	6	9	3	4	1	4	2	1			
Runner .....	1	1											
Scalers .....	6	.....	2	3		1							
Weigher .....	1	.....	1										
Wrappers .....	42	12	8	12	8	1	.....		1	.....			
DRUGGISTS' SUNDRIES .....	37	.....	6	8	3	7	4	4	3	1	.....	‡1	.....
Cutters .....	2	.....		1				1	.....				
Dressing maker .....	1	.....	1										
Folder .....	1	.....	1										
Labeler .....	1	.....		1									
Laboratory work .....	2	.....	1	1									
Machine operators .....	12	.....				2	3	2	3	1		1	
Marker .....	1	.....				1							
Packers .....	5	.....	1	2		2							
Paster .....	1	.....		1									
Picker .....	1	.....				1							
Plaster makers .....	5	.....	1	1	2			1					
Pullers .....	2	.....			1	1							
Rollers .....	2	.....	1	1									
Wrappers .....	1	.....					1						

\* One each, \$14.35, \$14.40, \$15.25, \$15.65, \$17.40, \$17.50, \$18.00 and \$23.15; two each, \$14.50 and \$16.30. † One each, \$2.94 and \$3.99. ‡ One each, \$14.94, \$15.00 and \$15.82. § One each, \$2.70, \$3.33, \$3.45, \$3.50, \$2.60 and \$3.80; two each, \$3.65 and \$3.90; six each \$2.50 and \$3.75; nine each, \$3.00. ¶ \$14.60.

Table 33—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
ELECTRICAL GOODS .....	31	....	....	2	4	5	6	7	6	....	....	....	....
Finishers.....	6	....	....	....	1	1	3	....	1	....	....	....	....
Insulators.....	9	....	....	....	1	2	2	3	....	....	....	....	....
Lamp work.....	1	....	....	....	....	1	....	....	....	....	....	....	....
Testers.....	3	....	....	....	2	1	....	....	....	....	....	....	....
Winders.....	8	....	....	2	....	....	1	2	3	....	....	....	....
GLOVES AND MITTENS.....	45	*1	4	3	7	12	7	3	6	2	....	....	....
Bander.....	1	....	....	....	....	....	....	1	....	....	....	....	....
Binders.....	2	....	....	....	....	1	....	....	1	....	....	....	....
Closers.....	14	....	1	2	3	3	2	....	2	1	....	....	....
Distributor.....	1	....	....	....	....	....	....	....	....	....	....	....	....
Glove makers.....	15	1	1	1	1	5	2	1	2	1	....	....	....
Hemmer.....	1	....	....	....	1	....	....	....	....	....	....	....	....
Machine operators.....	11	....	1	....	2	3	3	1	1	....	....	....	....
HARDWARE.....	10	....	2	3	2	1	1	1	....	....	....	....	....
Finisher.....	1	....	....	....	....	1	1	....	....	....	....	....	....
Handlers.....	1	....	....	....	1	1	....	....	....	....	....	....	....
Machine operators.....	5	....	1	2	1	....	....	1	....	....	....	....	....
Packers.....	2	....	1	1	....	....	....	....	....	....	....	....	....
INK AND MUCILAGE.....	12	....	3	....	1	5	2	1	....	....	....	....	....
Labelers.....	9	....	3	....	....	4	1	1	....	....	....	....	....
Packers.....	2	....	....	....	1	....	1	....	....	....	....	....	....
Paster.....	1	....	....	....	....	1	....	....	....	....	....	....	....
JEWELERS' FINDINGS.....	16	†1	3	8	4	....	....	....	....	....	....	....	....
Chain maker.....	1	....	....	....	1	....	....	....	....	....	....	....	....
Pointer.....	1	....	....	1	....	....	....	....	....	....	....	....	....
Press workers.....	2	....	....	2	....	....	....	....	....	....	....	....	....
Solderers.....	12	1	3	5	3	....	....	....	....	....	....	....	....
KNIT GOODS.....	68	16	5	12	11	13	6	4	4	4	2	....	\$1
Cutter.....	1	....	....	....	1	....	....	....	....	....	....	....	....
Finisher.....	12	1	....	....	....	1	2	2	2	2	1	....	1
Knitter.....	26	5	3	8	5	4	1	....	....	....	....	....	....
Machine operators.....	18	....	....	1	1	8	3	2	....	2	1	....	....
Menders.....	2	....	....	....	....	....	....	....	2	....	....	....	....
Packers.....	8	....	2	3	3	....	....	....	....	....	....	....	....
Turners.....	1	....	....	....	1	....	....	....	....	....	....	....	....
LADIES' HATS.....	7	....	....	1	2	1	....	1	....	....	....	....	12
Makers and trimmers.....	7	....	....	1	2	1	....	1	....	....	....	....	2

\* \$3.31. † \$3.40. ‡ One each, \$2.75, \$3.50, \$3.55 and \$3.90; two each, \$3.00, \$15.85. | One each, \$15.40 and \$17.40.

Table 33—Continued.

		NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.												
INDUSTRY AND OCCUPATION.		Number reporting.	Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
LAUNDRY .....		178	....	15	20	54	30	18	17	9	5	1	....	*4
Bundle girl.....		1	....	1	....	....	....	....	....	....	....	....	....	....
Checker.....		1	....	....	....	....	1	....	....	....	....	....	....	....
Counter.....		1	....	....	....	1	....	....	....	....	....	....	....	....
Drier.....		1	....	....	....	....	....	....	....	....	....	....	....	....
Feeders.....		4	....	....	2	2	....	....	....	....	....	....	....	....
Finishers.....		5	....	....	....	....	1	1	1	....	....	....	....	1
Folders.....		15	....	4	....	9	1	....	1	1	....	....	....	....
Hand ironers.....		12	....	....	1	2	3	2	2	2	....	....	....	....
Listers.....		2	....	....	....	....	1	1	....	....	....	....	....	....
Machine operators.....		78	....	8	11	26	15	8	6	4	....	....	....	....
Markers.....		12	....	....	1	2	1	2	4	1	....	....	....	1
Packer.....		1	....	....	....	....	....	....	....	....	....	....	....	1
Shaker.....		1	....	1	....	....	....	....	....	....	....	....	....	1
Sorters.....		18	....	....	1	2	5	1	1	1	5	1	....	1
Starchers.....		16	....	....	3	7	2	1	2	1	....	....	....	....
Starch feeder.....		1	....	1	....	....	....	....	....	....	....	....	....	....
Stretchers.....		1	....	....	....	....	....	1	....	....	....	....	....	....
Wiper.....		1	....	....	....	....	....	1	....	....	....	....	....	....
Wrappers.....		2	....	....	1	....	1	....	....	....	....	....	....	....
LETTER FILES .....		13	....	....	....	1	2	2	1	1	1	2	2	†1
Feeder.....		1	....	....	....	....	....	1	....	....	....	....	....	....
Gluers.....		5	....	....	....	....	....	....	....	....	1	2	1	1
Machine operator.....		1	....	....	....	....	1	....	....	....	....	....	....	....
Pasters.....		5	....	....	....	1	1	....	1	1	....	....	1	....
Stamper.....		1	....	....	....	....	1	....	....	....	....	....	....	....
MEAT PACKING .....		317	†16	54	60	80	40	32	9	10	10	5	1	....
Cappers.....		4	....	1	1	2	....	....	....	....	....	....	....	....
Chipper.....		1	....	....	....	....	....	....	....	....	....	....	....	....
Clerk.....		1	....	....	....	1	....	....	....	....	....	....	....	....
Corkers.....		2	1	1	....	....	....	....	....	....	....	....	....	....
Counters.....		2	....	1	1	....	....	....	....	....	....	....	....	....
Creasers.....		2	....	1	1	....	....	....	....	....	....	....	....	....
Driller.....		1	....	....	....	....	1	....	....	....	....	....	....	....
Egg candlers.....		5	....	....	2	2	1	....	....	....	....	....	....	....
Feeders.....		14	....	....	9	5	....	....	....	....	....	....	....	....
Fillers.....		6	....	2	2	....	1	....	....	....	1	....	....	....
Gelatin worker.....		1	....	....	1	....	....	....	....	....	....	....	....	....
Glue workers.....		4	....	3	1	....	....	....	....	....	....	....	....	....
Grinder.....		1	....	....	....	....	....	....	1	....	....	....	....	....
Hair workers.....		2	....	2	....	....	....	....	....	....	....	....	....	....
Helpers.....		3	....	....	....	3	....	....	....	....	....	....	....	....
Inspectors.....		2	....	....	....	1	....	....	....	....	1	....	....	....
Labelers.....		15	1	3	....	....	2	6	1	....	1	1	....	....
Laundresses.....		2	....	....	....	....	2	....	....	....	....	....	....	....
Linkers.....		17	....	....	3	10	3	....	....	....	1	....	....	....
Machine operators.....		21	1	6	3	2	7	1	....	....	1	....	....	....
Packers.....		11	3	2	3	2	1	....	....	....	....	....	....	....
Painters.....		8	....	....	....	....	2	1	....	2	1	1	1	....
Peeler.....		1	1	....	....	....	....	....	....	....	....	....	....	....
Sausage makers.....		3	....	....	....	3	....	....	....	....	....	....	....	....
Scalers.....		4	....	....	3	....	....	1	....	....	....	....	....	....
Seamers.....		2	....	....	....	2	....	....	....	....	....	....	....	....

\* Two each, \$14.00 and \$15.00. † \$14.10. ‡ One each, \$2.85, \$3.12, \$3.15, \$3.30, \$3.50, \$3.83, \$3.90; three each, \$3.35; six each, \$3.95.

Table 33—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
<b>MEAT PACKING—Concluded.</b>													
Setter .....	1		1										
Soap cutters .....	3				3								
Soap workers .....	6	1	2		1	1							
Solderer .....	1				1								
Sorters .....	6		3	2	1								
Stackers .....	7		2		4		1						
Stampers .....	2			1		1							
Stockkeeper .....	1						1						
Stringer .....	1				1								
Stuffers .....	21	1	3	6	9	3							
Tiers .....	6		1	2	1	1		1					
Tally girl .....	1				1								
Trimmers .....	41	3	2	5	7	7	6	5	1	2	3		
Weighers .....	15	1	5	6	1	2							
Wipers .....	8	2	4		2								
Wrappers .....	62	1	9	7	13	8	14	1	7	2			
<b>METAL GOODS.....</b>	<b>62</b>	<b>*2</b>	<b>6</b>	<b>11</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>5</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>....</b>
Bender .....	1	1											
Buffers .....	8		1	2	3	1			1				
Core makers .....	9					1	1	3	1	3			
Corder and boxer .....	1			1									
Crimpers .....	3		1	1	1								
Edger .....	1								1				
Feeders .....	2	1		1									
Machine operators .....	12					2	2	1		5	1	1	
Oiler .....	1				1								
Oven hands .....	2						1		1				
Packer .....	1			1									
Painters .....	3			1	2								
Retoucher .....	1			1									
Scrubber .....	1			1									
Seamers .....	2					1			1				
Solderers .....	6				1	2		3					
Sorter .....	1		1										
Spreaders .....	2						2						
Stacker .....	1		1										
Stenoller .....	1			1									
Topper .....	1		1										
Trimmer .....	1						1						
Wier .....	1			1									
Wrappers .....	4		1		1	1		1					
<b>OVERALLS .....</b>	<b>19</b>	<b>†2</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>....</b>	<b>1</b>	<b>....</b>	<b>....</b>	<b>....</b>	<b>....</b>	<b>....</b>
Coat makers .....	6		3	1	2								
Machine operators .....	2		1	1									
Overall makers .....	2					1		1					
Shirt makers .....	9	2	1	3	2	1							

\* Each, \$3.00. † One each, \$2.50 and \$3.00.

Table 33—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
PAPER BOXES.	172	*12	16	27	43	24	29	11	5	2	1	1	†1
Benders	2		2										
Box makers	3		1	1	1	3	2						
Closers	2	1			1								
Cloth edge workers	1			1									
Coverers	25	1	2	4	10	3	3		1			1	
Creaser	1												
Fastening handles	2		1		1	1							
Folders	7	4		3									
Gluers	20	1		3	4	3	3	4	1	1			
Glue workers	5				2	2	1						
Labelers	4	1			1	1		1					
Machine operators	39	2	6	6	10	4	9	2					
Packers	5				2			2					1
Pasters	24		2	5	6	3	6	1	1				
Paste workers	3			1			1				1		
Peeler	1					1							
Pickers	3					1		1		1			
Removing from machines	2	1					1						
Stayers	9		2		2	2	2	1					
Sticher	1			1									
Stripper	1				1								
Tier	1				1								
Trimmers	6	1		2	1		1	1					
PIANOS AND ORGANS.	19		2	2	3	4	2	2	2	2			
Capper	1					1							
Cutter	1						1						
Driller	1		1										
Gluers	4					1	1	1		1			
Hand workers	2		1		1								
Machine operators	3			1		1				1			
Pinner	3			1		1		1					
Puncher	1								1				
Starter	1				1								
Stringer	1				1								
Trimmer	1								1				
PIPES AND FITTINGS.	44		9	6	10	6	6	4	1		2		
Carriers	4			1	1		2						
Core filers	6		1	2	2	1							
Core makers	33		8	3	7	4	4	4	1		2		
Paster	1					1							
RUBBER GOODS.	12					4	1		4	2	1		
Cementers	2					2							
Hollow goods workers	2					1	1						
Rubber workers	2								1	1			
Stem maker	1								1				
Tape workers	2										1	1	
Trimmers	3					1			2				

\* One each, \$2.61, \$2.81, \$3.15, \$3.25, \$3.70, \$3.85. Two each, \$3.00. Four each, \$3.50.  
† \$14.68.



Table 33—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
SHOES AND SLIPPERS.....	5	.....	.....	1	.....	2	2	.....	.....	.....	.....	.....	.....
Closer.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Slipper maker.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Topper.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Trimmer.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Vamper.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
SHOES.....	180	*30	24	22	11	10	15	18	21	3	16	4	†6
Beaders.....	3	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Box labeler.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burnishers.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Caser.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cementers.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Checker.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Closers.....	5	.....	.....	1	.....	2	1	1	.....	.....	.....	.....	.....
Creaser.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cutters.....	11	1	3	.....	2	1	1	.....	3	.....	.....	.....	.....
Dressers.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eyeleters.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
Eyelet fastener.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Feeder.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fitter.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Folders.....	10	.....	1	1	1	1	1	5	.....	.....	.....	.....	.....
Foxers.....	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Hemmer.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Inkers.....	4	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1
Lacers.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lining makers.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....
Makers.....	4	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....
Making rubber balls.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Making soles.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
Marker.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Matchers.....	2	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
Over seamer.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Packers.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pasters.....	3	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....
Punchers.....	3	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Rubbing seamer.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Seamers.....	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Seam presser.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sewers.....	3	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Sizers.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Skivers.....	5	.....	1	.....	1	1	2	.....	.....	.....	.....	.....	.....
Sock liner.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sorters.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stampers.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stayers.....	2	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....
Stay roller.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Stitchers.....	40	8	2	7	3	2	1	4	3	1	6	1	2
Table hands.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tippers.....	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Toppers.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1
Treer.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trimmers.....	13	4	2	2	.....	1	.....	.....	2	.....	2	.....	.....
Vampers.....	21	.....	1	2	.....	.....	1	5	6	1	3	.....	2

\*Four each, \$2.50; nine each, \$3.00; one each, \$3.10; three each, \$3.25; ten each, \$3.50; three each, \$3.75. † Three each, \$14.00; one each, \$14.02, \$14.85 and \$14.95.

Table 33—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
SOAP, TOILET ARTICLES, ETC. ....	79	*2	15	10	15	25	8	2	3	.....	.....	.....	.....
Boxer .....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Checkers .....	2	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
Crimper .....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Fillers .....	2	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Gold-dust makers .....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Labelers .....	3	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Machine operators .....	9	.....	2	3	1	2	.....	1	.....	.....	.....	.....	.....
Nailers .....	2	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Packers .....	3	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Painters .....	3	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Pasters .....	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Perfumers .....	4	.....	.....	.....	1	2	1	.....	.....	.....	.....	.....	.....
Polishers .....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Riveters .....	4	.....	1	.....	1	.....	1	.....	1	.....	.....	.....	.....
Solderers .....	17	1	2	3	3	6	2	.....	.....	.....	.....	.....	.....
Wrappers .....	22	.....	3	1	5	9	3	1	.....	.....	.....	.....	.....
TACKS AND WIRE NAILS .....	13	.....	3	5	5	.....	.....	.....	.....	.....	.....	.....	.....
Gluers .....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Packers .....	7	.....	3	2	2	.....	.....	.....	.....	.....	.....	.....	.....
Tin cappers .....	4	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....
TELEPHONES .....	25	†2	4	12	7	.....	.....	.....	.....	.....	.....	.....	.....
Attaching coils .....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corders .....	3	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Condenser .....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Helper .....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Insulators .....	3	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....
Mounter .....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Platinum worker .....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Receiver workers .....	2	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Runner .....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Switch-hook maker .....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Transmitter .....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Winders .....	5	.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wirers .....	4	1	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....
TENTS, AWNINGS AND CANVASS GOODS.	10	.....	.....	1	2	1	.....	2	3	1	.....	.....	.....
Finisher .....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Seamstresses .....	9	.....	.....	1	2	1	.....	2	3	.....	.....	.....	.....
UNDERWEAR, ETC. ....	23	†2	3	6	5	4	1	2	.....	.....	.....	.....	.....
Golf ball makers .....	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hose supporter makers .....	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Machine operators .....	16	2	2	2	3	4	1	2	.....	.....	.....	.....	.....
Preparing work .....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pressers .....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....

\* One each \$2.00 and \$3.24. † One each \$3.35 and \$3.50. ‡ One each \$3.00 and \$3.50.

Table 33—Continued.

		NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.												
INDUSTRY AND OCCUPATION.	Number reporting.	Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.	
WATCHES.....	277	*1	2	11	16	31	59	14	43	27	11	6	†6	
Adjusters.....	5					3			1				2	
Baking bits.....	1													
Balance poisers.....	8					1	2	1	2	1	1			
Bench hands.....	12		2	1	2			4	3					
Bevelers.....	1								1					
Blockers.....	4					1		1		1	1			
Breaker.....	1						1							
Brusher.....	1				1									
Burrers.....	3						1			2				
Cementer.....	1							1						
Cleaners.....	2				1				1					
Counter sinkers.....	7					2			1	3		1		
Cutters.....	6						4		1		1			
Damasceners.....	5					1	2		1	1				
Distributor.....	1													
Drillers.....	9				1	1	2		3	1			1	
Enameler.....	1				1									
Engraver.....	1										1			
Facer.....	1								1					
Filer.....	1													
Finishers.....	6					1	1		2		1		4	
Flitters.....	7					1	1		2	1		1	1	
Grinders.....	2						1		1					
Gaugers.....	3		1				1		1					
Hair spring makers.....	3						1		1	1				
Jewel cutter.....	1													
Jewel fitter.....	1						1							
Jewel polishers.....	4			1				1						
Jewel screwer.....	2					2								
Jewel washer.....	1					2								
Lap maker.....	1									1				
Lathe workers.....	51		1	5	9	6	19	3	5	3		1		
Lever placer.....	1								1					
Millers.....	3							1		1	1			
Numberers.....	2					2								
Nickle platers.....	2						2							
Oilers.....	3								1	1	1			
Ornamenter.....	1								1					
Pallet workers.....	2						2							
Pinion makers.....	2								1	1				
Pivoters.....	3					1	2							
Polishers.....	11				1	1	2		4	1	2			
Profiler.....	1													
Puncher.....	1									1				
Repairs.....	2									2				
Screw blockers.....	2	1				1								
Screw fitters.....	4			1			2		1					
Screw maker.....	1						1							
Spring gauger.....	1							1						
Staker.....	1						1							
Stampers.....	6						2		1					
Stem fitters.....	4						3		1					
Stripper.....	1			1										
Stud maker.....	1						1							
Swedgers.....	4			1			1			1	1			
Timers.....	3					2	1							
Tool maker.....	1											1		
Trainers.....	4					1	1	1	1					
Transferrer.....	1									1				
Turners.....	3						1		2					
Washer.....	1				1									
Weigher.....	1									1				
Wind and set.....	1									1				

\* One \$3.75. † One each \$14.30, \$14.43, \$15.17 and \$15.18; two each \$15.00.

Table 33—Concluded.

INDUSTRY AND OCCUPATION.	Number reporting.	NUMBER RECEIVING SPECIFIED WEEKLY WAGES OR EARNINGS FOR THE CURRENT WEEK.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 and over.
WOOLEN GOODS.....	28	*3	5	5	8	.....	2	3	2	.....	.....	.....	.....
Back burlers.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Card tenders.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Card finisher.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Drawer.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Finishers.....	2	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Measurer.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Menders.....	4	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spinners.....	4	.....	.....	.....	3	.....	.....	.....	1	.....	.....	.....	.....
Spoolers.....	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warper.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Weavers.....	5	.....	.....	.....	.....	.....	1	3	1	.....	.....	.....	.....

\* Each \$3.90

Table 34 is a summary of table 33 and shows a classification of the earnings for one specified week by industries, grouping the employes according to the amount of such earnings.

This showing is for 2,258, or 88.7 per cent of the whole number considered. Of this number, 119, or 5.3 per cent, received less than \$4.00 a week; only sixteen of these received from \$2.00 to \$3.00; the 103 others receive from \$3.00 to \$4.00; more than half of these receiving \$3.50 and over.

The other extreme shows forty-seven earning \$14.00 and over per week; fifteen received over \$14.00, but under \$15.00; seventeen received \$15.00, but under \$16.00; nine received \$16.00, but under \$20.00; and one in the cigar industry earned \$23.15. Between these extremes are 2,092, or 82.2 per cent of the whole number. Grouping these into five classes, it is found that 536, or 25.6 per cent, earned from \$4.00 to \$6.00; 715, or 34.2 per cent, from \$6.00 to \$8.00; 509, or 24.3 per cent, from \$8.00 to \$10.00; 248, or 11.9 per cent, from \$10.00 to \$12.00; and 84, or 4 per cent, from \$12.00 to \$14.00 and over. Dividing the whole number shown by the table into two classes, it is found that 1,039, or 46 per cent, earned from under \$4.00 to \$7.00 a week, while 1,219, or 54 per cent, earned \$7.00 and over.

TABLE 34—Summary of Table 32, Showing Classified Weekly Earnings for a Specified Week.

INDUSTRIES.	Number of establishments.	Number reporting.	CLASSIFICATION OF THE NUMBER AND EARNINGS FOR A SPECIFIED WEEK.												
			Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$13.	\$13 and under \$14.	\$14 and over.	
All industries .....	86	2,258	119	235	301	384	331	331	178	165	83	54	30	47	
Bakery .....	4	60	....	2	5	16	9	7	6	8	3	4	....	....	
Binding twine, canvas, etc .....	1	170	....	....	3	7	30	68	29	13	5	3	3	9	
Blank books .....	1	4	1	2	1	....	....	....	....	....	....	....	....	....	
Bonnets .....	1	19	2	4	5	3	1	2	2	....	....	....	....	....	
Boots and shoes .....	3	39	1	3	3	7	7	6	5	3	1	1	1	1	
Brooms .....	1	4	....	....	....	4	....	....	....	....	....	....	....	....	
Chairs and baby carriages .....	1	15	1	2	2	....	6	2	....	1	....	....	1	....	
Chewing gum .....	2	47	1	3	5	7	8	15	6	2	....	....	....	....	
Cigars .....	6	82	....	1	4	9	19	14	6	4	2	2	9	12	
Clothing .....	1	29	2	3	....	6	5	2	2	2	1	2	1	3	
Confectionery .....	6	138	31	29	31	18	9	5	7	5	3	....	....	....	
Druggists' sundries .....	1	37	....	6	8	3	7	4	4	3	1	....	....	1	
Electrical goods .....	1	31	....	....	3	4	5	6	7	6	....	....	....	....	
Gloves and mittens .....	1	45	1	4	3	7	12	7	3	6	2	....	....	....	
Hardware specialties .....	1	10	....	2	3	2	1	1	1	....	....	....	....	....	
Ink and mucilage .....	1	12	....	3	....	1	5	2	1	....	....	....	....	....	
Jewelers' findings, etc .....	1	16	1	3	8	4	....	....	....	....	....	....	....	....	
Knit goods .....	2	68	6	5	12	11	13	6	4	4	4	2	....	1	
Ladies' hats .....	1	7	....	....	1	2	1	....	1	....	....	....	....	2	
Laundry .....	13	173	....	15	20	54	30	18	17	9	5	1	....	4	
Letter files .....	1	13	....	....	....	1	2	2	1	1	1	2	2	1	
Meat packing .....	7	317	16	54	60	80	40	32	9	10	10	5	1	....	
Metal goods .....	3	66	2	6	11	9	8	7	8	5	8	1	1	....	
Overalls .....	1	19	2	5	5	4	2	....	1	....	....	....	....	....	
Paper boxes .....	9	172	12	16	27	43	24	29	11	5	2	1	1	1	
Pianos and organs .....	1	19	....	2	2	3	4	2	2	2	2	....	....	....	
Pipes and fittings .....	1	44	....	9	6	10	6	6	4	1	....	2	....	....	
Rubber goods .....	1	12	....	....	....	....	4	1	....	4	2	1	....	....	
Shoes and slippers .....	1	5	....	....	1	....	2	2	....	....	....	....	....	....	

Table 34—Concluded.

INDUSTRIES.	Number of establishments.	Number reporting.	CLASSIFICATION OF THE NUMBER AND EARNINGS FOR A SPECIFIED WEEK.											
			Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$13.	\$13 and under \$14.	\$14 and over.
Shoes.....	3	190	30	24	23	11	10	15	18	21	3	16	4	6
Soap, toilet articles, etc.....	2	79	2	15	10	15	25	8	2	2				
Tacks and wire nails.....	1	13		3	5	5								
Telephones.....	1	25	2	4	12	7								
Tents, awnings, etc.....	1	10			1	2	1		2	3	1			
Underwear.....	1	23	2	3	6	5	4	1	2					
Watches.....	2	237	1	2	11	16	31	59	14	43	27	11	6	6
Woolen goods.....	1	28	3	5	5	8		2	3	2				

## RANGE OF WEEKLY EARNINGS AND YEARLY EARNINGS.

Table 35 accounts for the same number (2,258) of women and girls; also the industries and occupations, as shown in tables 33 and 34; also showing the number in each specified occupation, with the range of weekly earnings; the average weekly wages for the specified week; the per cent and average weekly earnings of those earning more than the average and less than the average, based on the earnings for the specified week, and the average yearly earnings computed from the same basis.

TABLE 35—Range of Weekly Earnings for the Year; Average Earnings for the Week the Reports were Secured; Per Cent of the Number and the Average Earnings of All Earning More or Less than this Average, and the Average Yearly Earnings for a Full Year, by Industries.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
BAKERIES .....	60	\$13 45	\$1 30	\$8 19	45.0	\$10 20	55.0	\$6 54	\$426
Box maker.....	1	\$ 4 90	\$1 95	\$ 4 35					\$226
Formers.....	2	8 00	2 90	5 87	50.0	\$ 6 40	50.0	\$5 35	305
Helpers.....	7	9 50	3 50	6 77	28.6	7 55	71.4	6 46	352
Labelers.....	8	12 10	2 10	6 69	62.5	8 30	37.5	5 93	348
Liner.....	1	10 00	8 15	10 00					520
Packers.....	34	13 45	1 30	9 29	50.0	10 93	50.0	7 68	483
Parer.....	1	6 50	6 10	6 50					338
Slicers.....	4	6 50	6 00	6 44	75.0	6 50	25.0	6 25	335
Stamper.....	1	10 00	7 50	10 00					520
Weighter.....	1	9 00	2 50	6 10					317
BINDING TWINE, CANVAS, ETC	170	\$18 30	\$2 05	\$9 09	32.4	\$11 82	67.6	\$8 07	\$478
Ballers.....	31	\$15 15	\$2 05	\$ 8 95	51.6	\$ 9 74	48.4	\$8 11	\$465
Core makers.....	31	18 30	4 25	12 03	48.4	14 59	51.6	9 63	626
Coverer.....	1	8 05	5 55	5 80					302
Counter.....	1	9 75	6 50	9 00					468
Finishers.....	8	13 35	4 85	7 81	50.0	8 73	50.0	6 90	406
Machine operator.....	1	11 00	6 70	8 30					432
Marker.....	1	7 85	4 90	5 45					283
Piler.....	1	8 00	6 65	8 00					416
Preparers.....	31	11 10	4 20	8 05	45.2	8 69	54.8	7 52	419
Riveters.....	6	10 95	4 65	8 33	33.3	10 18	66.7	8 30	464
Sacker.....	1	7 00	5 15	5 15					268
Scaler.....	1	7 50	6 00	7 00					364
Sewers.....	8	9 80	3 65	8 95	33.3	9 20	66.7	8 83	465
Spinners.....	50	12 40	3 80	8 61	50.0	9 11	50.0	8 11	448
Stocker.....	1	7 50	6 00	7 00					364
Tackers.....	2	9 40	4 80	8 35					434
BLANK BOOKS .....	4	\$7 25	\$3 30	\$4 51	50.0	\$4 98	50.0	\$4 05	\$235
Paste carbon.....	1	\$4 90	\$3 30	\$4 50					\$234
Press operators.....	2	6 95	3 50	4 23	50.0	\$4 95	50.0	\$3 60	223
Stitcher.....	1	7 25	3 60	5 00					260
BONNETS .....	19	\$14 75	\$1 75	\$5 98	42.1	\$7 83	57.9	\$4 60	\$310
Bonnet makers.....	6	\$14 75	\$1 75	\$6 15	50.0	\$8 70	50.0	\$3 59	\$320
Fluter.....	1	9 00	5 00	6 35					356
Folder.....	1	5 00	4 50	5 80					260
Gatherer.....	1	8 50	4 50	6 50					338
Hemmers.....	5	8 25	2 85	5 13	20.0	6 65	80.0	4 82	289
Hose supporter makers.....	2	11 00	3 50	7 00	50.0	8 50	50.0	5 49	364
Ruffers.....	2	12 50	5 00	6 93	50.0	8 00	50.0	5 86	360
Twiller.....	1	6 25	2 25	4 25					221

Table 35—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number	Earnings.	Number.	Earnings.	
BOOTS AND SHOES.....	39	\$18 65	\$1 04	\$7 93	56.4	\$9 65	43.6	\$5 70	\$412
Finishers.....	33	\$10 50	\$2 81	\$ 7 49	33.3	\$ 8 40	66.7	\$7 04	\$394
Folders.....	1	13 00	1 20	8 63	33.3	13 00	66.7	6 45	449
Lathe workers.....	2	12 00	6 44	12 00					624
Lining makers.....	1	17 64	2 19	8 50	50.0	8 98	50.0	8 91	442
Lining seamer.....	1	12 73	6 22	8 01					417
Machine operators.....	9	13 79	1 73	9 60	44.4	10 64	55.6	8 77	499
Over caster.....	1	7 34	2 63	5 18					269
Over seamers.....	2	12 58	1 04	7 94	50.0	8 61	50.0	7 27	413
Packers.....	2	10 37	1 59	5 75	50.0	7 00	50.0	4 50	299
Puncher.....	1	6 00	3 29	6 00					312
Sample work.....	1	5 29	3 36	5 00					260
Skivers.....	3	9 24	4 04	7 17	33.3	9 00	66.7	6 25	373
Stitchers.....	4	16 21	5 43	9 60	50.0	12 18	50.0	7 03	490
Table workers.....	5	8 05	1 90	5 39	60.0	6 55	40.0	3 50	290
Vampers.....	1	11 91	5 31	9 81					510
BROOMS.....	4	\$6 00	\$3 00	\$6 00					\$312
Stores.....	4	\$ 6 00	\$3 00	\$6 00					\$321
CHAIRS AND BABY CARRIAGES	15	\$13 50	\$3 40	\$7 22	60.0	\$3 61	40.0	\$5 15	375
Machine operators.....	2	\$10 20	\$5 05	\$7 50					\$390
Seamstresses (hand).....	2	11 15	5 10	7 50					390
Upholsters.....	3	13 45	4 65	7 77	33.3	\$10 50	66.7	\$6 40	404
Weavers.....	6	13 50	3 60	7 91	50.0	9 88	50.0	5 93	411
Wrappers.....	2	8 50	3 40	3 80	50.0	4 10	50.0	3 50	198
CHEWING GUM.....	47	\$13 75	\$1 60	\$7 43	57.4	\$3 58	42.6	\$5 88	\$396
Bander.....	1	\$ 8 00	\$5 25	\$8 00					\$416
Labelers.....	2	8 00	3 00	6 50	50.0	\$9 00	50.0	\$5 00	338
Machine operators.....	9	9 00	2 25	7 11	44.4	7 88	55.6	6150	370
Machine tester.....	1	9 00	5 90	8 00					416
Trimmer.....	1	7 00	5 80	5 85					304
Wrappers.....	33	13 75	1 60	7 59	57.6	8 98	42.4	5 84	395
CIGARS.....	72	\$27 00	\$2 50	9 76	36.6	\$13 92	63.4	\$7 37	\$508
Banders.....	9	\$24 50	\$ 2 50	\$ 8 14	11.1	\$23 15	88.9	\$ 6 24	\$423
Bunch makers.....	4	13 50	12 40	13 11	50.0	13 50	50.0	13 73	632
Packer.....	1	17 30	8 85	15 65					814
Rollers.....	35	27 00	3 20	11 63	51.4	14 62	48.6	8 47	605
Selectors.....	13	13 50	4 65	8 10	15.4	10 18	84.6	7 73	421
Stamper.....	1	8 60	7 50	7 50					390
Stock keeper.....	1	8 00	7 50	8 00					416
Strippers.....	18	10 30	3 35	7 31	44.4	8 11	55.6	6 63	390
CLOTHING.....	29	\$18 99	\$2 39	\$8 53	41.4	\$11 98	58.6	\$6 16	\$444
Button hole makers.....	4	\$18 99	\$5 61	\$11 71	50.0	\$13 95	50.0	\$9 57	\$609
Canvas baster.....	1	4 00	2 66	4 00					
Hand workers.....	14	15 55	2 39	6 87	57.1	8 14	42.9	5 17	357
Machine operators.....	10	18 82	3 36	10 04	40.0	14 00	60.0	7 40	522



Table 35—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
CONFECTIONERY	138	\$20 25	\$0 75	\$5 53	42.0	\$7 46	58.0	\$4 13	\$288
Carrier	1	\$ 7 41	\$ 1 07	\$5 00					\$260
Dippers	37	20 25	1 19	6 11	43.2	\$8 35	56.8	\$4 40	318
Fillers	2	7 58	1 70	6 03	50.0	7 55	50.0	4 50	314
Helpers	22	5 50	2 40	4 53	50.0	5 05	50.0	4 00	236
Icers	2	5 50	3 50	4 35	50.0	4 50	50.0	4 20	226
Labeler	1	4 60	4 10	4 40					229
Maker	1	10 50	4 25	8 50					442
Package throwers	22	8 10	3 20	4 38	50.0	4 95	50.0	3 80	228
Packers	40	16 15	7 5	5 83	40.0	8 32	60.0	4 18	304
Runner	1	3 00	2 40	3 00					156
Scalers	6	11 05	1 50	5 52	50.0	6 17	50.0	4 50	287
Weighter	1	4 80	4 80	4 80					250
Wrappers	42	10 50	1 25	5 13	50.0	5 83	50.0	3 77	267
DRUGGISTS' SUNDRIES	37	\$14 60	\$2 10	\$7 31	40.5	\$9 77	59.5	\$5 63	\$380
Cutters	3	\$ 9 50	\$3 15	\$7 40	50.0	\$ 9 50	50.0	\$5 30	\$385
Dressmaker	1	7 15	3 60	4 50					234
Folder	1	4 50	3 10	4 50					234
Labeler	1	7 95	3 75	5 75					299
Laboratory work	2	9 60	2 85	4 78	50.0	5 00	50.0	4 55	249
Machine operators	12	14 60	3 70	9 85	50.0	11 35	50.0	8 34	512
Marker	1	9 95	4 45	7 30					390
Packers	5	10 70	2 10	5 68	40.0	7 21	60.0	4 83	301
Paster	1	8 10	2 30	5 70					269
Picker	1	10 10	4 30	7 75					403
Plaster makers	5	10 50	2 45	6 46	60.0	7 57	40.0	4 80	336
Pullers	2	8 45	3 15	6 73	50.0	7 00	50.0	6 45	350
Rollers	2	6 05	2 45	4 65	50.0	5 00	50.0	4 30	242
Wrappers	1	9 30	4 10	8 55					445
ELECTRICAL GOODS	31	\$13 60	\$3 62	\$9 47	61.3	\$9 53	38.7	\$6 80	\$440
Finishers	6	\$11 65	\$5 58	\$9 49	66.7	\$9 17	33.3	\$7 12	\$441
Insulators	9	12 39	6 07	8 70	66.7	9 33	33.3	7 45	452
Lamp work	1	8 34	7 26	7 81					406
Machine operators	3	12 09	5 89	8 72	66.7	10 14	33.3	5 89	453
Paster	1	9 96	7 92	9 21					379
Testers	3	7 42	5 25	6 94	33.3	7 42	66.7	6 70	361
Winders	8	13 60	3 62	8 68	75.0	9 82	25.0	5 23	451
GLOVES AND MITTENS	45	\$14 70	\$2 95	\$7 69	42.2	\$9 49	57.8	\$6 37	\$400
Banders	1	\$11 96	\$7 43	\$9 37					\$487
Binders	2	10 70	5 13	9 03	50.0	\$10 70	50.0	\$7 35	470
Closers	14	13 70	3 28	7 73	35.7	10 00	64.3	6 47	402
Distributor	1	4 00	2 50	4 00					208
Glove makers	15	11 58	2 85	7 74	46.7	9 41	53.3	6 29	402
Hemmer	1	6 65	4 96	6 19					322
Machine operator	11	14 70	4 50	7 63	45.5	8 88	54.5	6 60	397

## STATISTICS OF LABOR.

Table 35—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
HARDWARE SPECIALTIES.....	10	\$9 95	\$3 45	\$6 44	40.0	\$8 01	60.0	\$5 40	\$335
Finisher.....	1	\$9 55	\$5 00	\$8 50	.....	.....	.....	.....	442
Handlers.....	2	8 15	3 45	6 95	50.0	7 35	50.0	6 55	361
Machine operators.....	5	9 95	3 55	6 27	20.0	9 65	30.0	5 42	526
Packers.....	2	8 10	3 85	5 35	50.0	5 75	50.0	4 95	278
INK AND MUCILAGE.....	12	\$8 85	\$2 10	\$6 86	66.7	\$7 75	33.3	\$5 09	\$357
Labelers.....	9	\$12 00	\$2 10	\$6 76	66.7	\$7 83	\$33.3	\$4 46	\$362
Packers.....	2	8 70	4 00	7 35	50.0	8 00	50.0	6 50	377
Paster.....	1	8 85	3 20	7 00	.....	.....	.....	.....	364
JEWELERS' FINDINGS, ETC.....	16	\$11 15	\$2 25	\$5 34	56.3	\$5 81	43.7	\$4 74	\$278
Chain maker.....	1	\$11 15	\$3 15	\$6 95	.....	.....	.....	.....	\$361
Pointer.....	1	5 15	3 40	5 15	.....	.....	.....	.....	268
Press workers.....	2	6 00	2 55	5 63	50.0	\$5 85	50.0	\$5 40	393
Solderers.....	12	7 15	2 25	5 18	56.3	5 63	41.7	4 54	269
KNIT GOODS.....	68	\$17 50	\$2 00	\$7 21	39.7	\$9 74	60.3	\$5 55	\$375
Cutter.....	1	\$ 8 05	\$3 60	\$6 90	.....	.....	.....	.....	\$359
Finishers.....	16	17 50	3 00	9 94	50.0	\$11 99	50.0	\$7 89	517
Knitters.....	26	9 50	2 00	5 52	53.8	6 56	46.2	4 31	296
Machine operators.....	18	14 00	3 65	8 33	38.9	10 26	61.1	7 10	433
Menders.....	2	14 10	5 60	10 65	50.0	10 70	50.0	10 60	554
Packers.....	8	8 20	2 95	5 40	62.5	5 88	37.5	4 60	281
Turner.....	1	8 30	3 85	6 20	.....	.....	.....	.....	322
LADIES' HATS.....	7	\$17 80	\$3 60	\$9 54	28.6	\$16 40	71.4	\$6 79	\$496
Makers and trimmers.....	7	\$17 80	\$3 60	\$9 54	28.6	\$15 40	71.4	\$6 79	\$496
LAUNDRY.....	173	\$17 80	\$ 350	\$7 11	37.0	\$9.23	63.0	\$5.87	\$370
Bundle girl.....	1	\$ 4 00	\$ 4 00	\$ 4 00	.....	.....	.....	.....	\$208
Checker.....	1	7 50	7 00	7 50	.....	.....	.....	.....	390
Counter.....	1	8 75	5 40	6 50	.....	.....	.....	.....	338
Drier.....	1	6 00	6 00	6 00	.....	.....	.....	.....	312
Feeders.....	4	5 63	6 00	5 00	50.0	\$ 6 00	50.0	\$ 5 25	260
Finishers.....	5	14 00	5 50	8 85	40.0	11 50	60.0	7 08	460
Folders.....	15	10 00	3 50	5 97	73.3	6 42	26.7	4 38	305
Hand ironers.....	12	17 80	4 00	7 74	50.0	9 08	50.0	6 40	402
Listers.....	2	8 00	7 00	7 75	50.0	8 00	50.0	7 50	408
Machine operators.....	78	10 50	3 75	6 64	43.6	8 04	56.4	5 55	345
Markers.....	12	15 00	3 50	8 54	50.0	10 25	50.0	6 83	444
Packer.....	1	15 00	14 00	15 00	.....	.....	.....	.....	790
Shaker.....	1	4 00	4 00	4 00	.....	.....	.....	.....	206
Sorters.....	18	14 00	4 00	8 93	50.0	11 11	50.0	7 59	464
Starchers.....	17	10 00	4 00	6 94	41.2	8 29	58.8	6 00	361
Stretcher.....	1	8 00	8 00	8 00	.....	.....	.....	.....	416
Wiper.....	1	8 50	8 00	8 50	.....	.....	.....	.....	442
Wrappers.....	2	7 00	5 50	6 25	50.0	7 00	50.0	5 50	325

Table 35—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OR WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
LETTER FILES.....	13	\$14 80	\$4 15	\$10 60	53.8	\$12 54	46.2	\$9 34	\$551
Feeder.....	1	\$10 45	\$4 15	\$ 8 80					458
Gluers.....	5	14 80	7 25	12 72	40.0	\$13 93	60.0	\$11 92	661
Machine operator.....	1	10 65	5 40	8 95					465
Pasters.....	5	13 25	4 15	9 71	60.0	11 33	40.0	7 28	505
Stamper.....	1	7 95	4 15	7 95					413
MEAT PACKING.....	317	\$19 60	\$ 75	\$6 53	51.0	\$9 43	49.0	\$5 21	\$340
Cappers.....	4	\$ 6 90	\$1 15	\$ 5 91	50.0	\$ 6 90	50.0	\$4 93	\$307
Chippers.....	1	6 00	3 75	5 00					260
Clerk.....	1	6 80	4 95	6 50					338
Corkers.....	2	5 62	3 04	4 04	50.0	4 25	50.0	3 88	210
Counters.....	2	7 00	2 73	4 97	50.0	5 77	50.0	4 16	253
Creasers.....	2	5 00	1 55	4 75	50.0	5 00	50.0	4 50	247
Driller.....	1	9 00	5 00	6 17					321
Egg candlers.....	5	8 00	5 00	6 06	60.0	6 60	40.0	5 25	315
Feeders.....	14	9 90	7 75	5 64	42.9	5 98	57.1	5 40	293
Fillers.....	6	12 65	1 65	6 27	33.3	9 41	66.7	4 70	326
Gelatine workers.....	1	6 00	4 40	5 75					299
Glue workers.....	4	6 30	4 45	4 97	25.0	5 65	75.0	4 74	253
Grinder.....	1	14 15	5 17	9 35					436
Hair workers.....	2	5 75	3 00	4 78	50.0	4 80	50.0	4 75	249
Helpers.....	3	7 90	4 00	6 00	100.0	6 00			312
Inspectors.....	2	13 05	3 30	9 60	50.0	11 20	50.0	6 00	437
Labelers.....	15	19 60	1 00	7 33	60.0	11 95	40.0	5 31	407
Laundresses.....	2	6 00	6 00	6 00	100.0	6 00			312
Linkers.....	17	12 65	1 90	6 51	23.5	8 25	76.5	6 29	354
Machine operators.....	21	15 50	1 25	6 27	52.4	7 70	47.6	4 70	326
Packers.....	11	14 45	9 90	4 99	54.5	6 08	45.5	3 67	259
Painters.....	9	17 55	2 20	10 10	50.0	11 90	50.0	8 30	525
Peeler.....	1	5 70	3 30	3 30					172
Sausage makers.....	3	8 00	4 30	6 00	100.0	6 00			312
Scalers.....	4	11 10	2 25	6 15	25.0	8 40	75.0	5 40	320
Seamers.....	2	9 10	2 40	6 30	50.0	6 60	50.0	6 00	323
Setter.....	1	5 65	2 75	4 50					234
Soap cutters.....	3	8 70	4 00	6 00	100.0	6 00			312
Soap workers.....	6	9 35	2 50	5 80	50.0	7 44	50.0	4 17	302
Solderer.....	1	6 90	1 65	6 90					359
Sorters.....	6	7 95	2 20	5 07	50.0	5 72	50.0	4 42	264
Stackers.....	7	9 60	1 00	5 93	71.4	6 49	28.6	4 55	306
Stampers.....	2	5 00	3 95	6 00	50.0	7 00	50.0	5 00	312
Stock keeper.....	1	8 00	9 60	6 40					333
Stringer.....	1	6 45	3 10	6 00					312
Stuffers.....	21	12 35	1 25	5 76	52.4	6 71	47.6	4 80	300
Tiers.....	6	9 80	3 63	6 39	50.0	7 25	50.0	5 70	332
Tally girl.....	1	6 25	2 00	6 25					325
Trimmers.....	41	17 80	1 25	7 59	48.8	9 68	51.2	5 70	395
Weighers.....	15	9 00	1 25	5 59	46.7	6 61	53.3	4 69	291
Wipers.....	8	6 90	2 30	4 91	25.0	6 45	75.0	5 40	255
Wrappers.....	62	19 00	75	7 13	45.2	8 86	54.8	5 71	371

Table 35—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
METAL GOODS.....	66	\$21 45	\$2 20	\$ 7 71	48.5	\$10 01	51.5	\$5 54	\$401
Benders.....	1	\$ 3 50	\$2 40	\$ 3 00	.....	.....	.....	.....	\$156
Buffers.....	8	11 20	3 65	6 33	25.0	\$ 8 90	75.0	\$5 50	329
Corder and boxer.....	1	5 00	4 25	5 00	.....	.....	.....	.....	280
Core makers.....	9	11 50	5 35	9 74	55.6	10 67	44.4	8 59	506
Crimpers.....	3	8 10	2 90	5 45	33.3	6 90	66.7	4 73	253
Edger.....	1	12 45	5 25	10 37	.....	.....	.....	.....	539
Feeders.....	2	10 27	3 00	4 08	50.0	5 05	50.0	3 00	210
Machine operators.....	12	16 00	2 50	10 43	58.3	12 02	41.7	8 20	542
Oiler.....	1	6 35	5 00	6 35	.....	.....	.....	.....	330
Oven hands.....	2	10 00	5 85	9 23	50.0	10 00	50.0	8 45	430
Packer.....	1	5 25	2 45	5 25	.....	.....	.....	.....	273
Painters.....	3	9 40	4 60	5 78	66.7	6 13	33.3	5 10	301
Retoucher.....	1	7 15	2 80	5 90	.....	.....	.....	.....	307
Scrubber.....	1	5 45	4 05	5 45	.....	.....	.....	.....	268
Seamers.....	2	10 12	2 20	8 61	50.0	10 12	50.0	7 10	448
Solderers.....	6	10 70	3 40	8 51	50.0	9 67	50.0	7 35	443
Sorter.....	1	21 45	3 65	4 05	.....	.....	.....	.....	211
Spreaders.....	2	9 32	4 05	8 81	50.0	8 90	50.0	8 72	458
Stacker.....	1	4 10	2 50	4 10	.....	.....	.....	.....	213
Stenciler.....	1	6 33	3 25	5 15	.....	.....	.....	.....	268
Topper.....	1	5 00	3 50	4 45	.....	.....	.....	.....	281
Trimmer.....	1	16 50	2 50	8 45	.....	.....	.....	.....	439
Wirer.....	1	6 00	4 10	5 50	.....	.....	.....	.....	286
Wrappers.....	4	10 10	3 50	6 50	50.0	8 00	50.0	5 00	338
OVERALLS.....	19	\$10 00	\$2 00	\$ 5 00	42.1	\$ 6 68	57.9	\$4 25	\$273
Coat makers.....	6	\$ 8 00	\$2 00	\$ 5 08	33.3	\$ 6 25	66.7	\$4 49	\$264
Machine operators.....	2	7 00	2 50	4 75	50.0	5 50	50.0	4 00	247
Overall makers.....	2	9 00	5 00	8 00	50.0	9 00	50.0	7 00	416
Shirt makers.....	9	10 00	2 00	4 86	66.7	5 67	33.3	3 25	253
PAPER BOXES.....	172	\$15 74	\$0 30	\$6 78	48.3	\$8 42	51.7	\$5 26	\$353
Benders.....	2	\$ 8 06	\$2 50	\$4 33	50.0	\$4 66	50.0	\$4 00	\$225
Box makers.....	8	12 25	4 00	6 98	62.5	8 07	37.5	5 17	363
Closers.....	2	7 30	2 44	4 93	50.0	6 00	50.0	3 85	256
Cloth edge worker.....	1	13 55	5 25	5 25	.....	.....	.....	.....	273
Coverers.....	25	15 74	30 7	7 49	28.0	7 96	72.0	5 74	369
Creaser.....	1	7 45	4 71	7 45	.....	.....	.....	.....	397
Fastening handles.....	2	6 68	1 87	5 30	50.0	6 00	50.0	4 60	276
Folders.....	7	7 51	75 4	4 04	42.9	5 00	57.1	3 31	210
Glueers.....	20	15 30	1 35	7 50	50.0	9 27	50.0	5 87	394
Glue workers.....	5	11 25	4 50	7 09	40.0	7 73	60.0	6 67	369
Labelers.....	4	10 80	75 6	6 64	75.0	7 85	25.0	3 09	345
Machine operators.....	39	12 96	1 02	6 45	46.2	8 00	53.8	5 12	335
Packers.....	5	14 68	2 25	9 36	60.0	11 44	40.0	6 24	497
Pasters.....	24	15 20	75 7	7 05	45.8	8 35	54.2	5 95	367
Past workers.....	3	13 70	3 70	8 95	66.7	10 78	33.3	5 30	465
Peeler.....	1	7 94	4 38	7 33	.....	.....	.....	.....	381
Pickers.....	3	14 05	4 50	9 15	66.7	10 14	33.3	7 18	476
Removing from machines..	2	10 02	3 01	5 79	50.0	8 42	50.0	3 15	301
Stayers.....	9	13 33	1 32	6 96	77.7	7 68	22.2	4 00	357
Stitcher.....	1	7 75	3 26	5 50	.....	.....	.....	.....	296
Stripper.....	1	9 36	2 31	6 70	.....	.....	.....	.....	348
Tier.....	1	8 64	1 67	6 80	.....	.....	.....	.....	354
Trimmers.....	6	14 82	2 85	6 47	83.3	6 47	16.7	3 50	336

Table 35—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
PIANOS AND ORGANS.....	19	\$15 00	\$4 10	\$7 81	52.6	\$9 38	47.4	\$6 06	\$406
Capper.....	1	\$10 00	\$4 65	\$7 65	.....	.....	.....	.....	\$398
Cutter.....	1	10 50	6 10	8 15	.....	.....	.....	.....	424
Driller.....	1	6 50	4 30	4 45	.....	.....	.....	.....	231
Gluers.....	4	14 55	4 70	9 25	50.0	\$10 45	50.0	\$7 95	478
Hand workers.....	2	8 00	4 10	5 40	50.0	6 00	50.0	4 80	281
Machine operators.....	3	14 00	5 40	8 25	33.3	11 15	66.7	6 81	429
Pinners.....	3	12 70	5 35	7 62	33.3	9 70	66.7	6 58	396
Puncher.....	1	11 55	5 60	10 00	.....	.....	.....	.....	520
Starter.....	1	8 50	5 50	6 30	.....	.....	.....	.....	328
Starter.....	1	8 00	5 25	6 40	.....	.....	.....	.....	333
Trimmer.....	1	15 00	9 95	10 20	.....	.....	.....	.....	530
PIPES AND FITTINGS.....	44	\$12 83	\$1 10	\$6 96	43.2	\$8 82	56.8	\$5 58	\$363
Carriers.....	4	\$ 9 95	\$3 30	\$7 22	50.0	\$8 24	50.0	\$6 20	\$375
Core filers.....	6	10 21	1 10	6 03	50.0	6 97	50.0	5 10	313
Core makers.....	33	12 83	1 30	7 10	42.4	9 22	57.6	5 54	369
Paster.....	1	6 30	3 45	7 56	.....	.....	.....	.....	393
RUBBER GOODS.....	12	\$14 45	\$3 90	\$9 70	58.3	\$11 11	41.7	\$7 72	\$504
Cementers.....	2	\$12 75	\$4 20	\$ 7 50	50.0	\$ 7 75	50.0	\$ 7 25	\$390
Hollow goods workers.....	2	11 85	5 35	8 15	50.0	8 80	50.0	7 50	424
Rubber workers.....	2	11 80	4 20	10 88	50.0	11 75	50.0	10 00	566
Stem maker.....	1	11 45	3 90	10 85	.....	.....	.....	.....	564
Tape workers.....	2	14 45	6 15	11 95	50.0	12 15	50.0	11 75	621
Trimmers.....	3	13 60	5 70	9 55	66.7	10 65	33.3	7 35	497
SHOES AND SLIPPERS.....	5	\$8 00	\$4 50	\$7 19	60.0	\$7 83	40.0	\$6 36	\$374
Closer.....	1	\$7 00	\$4 50	\$7 00	.....	.....	.....	.....	\$364
Slipper maker.....	1	7 00	4 50	5 65	.....	.....	.....	.....	294
Topper.....	1	8 00	5 10	8 00	.....	.....	.....	.....	416
Trimmer.....	1	7 50	5 40	7 50	.....	.....	.....	.....	390
Vamper.....	1	8 00	5 10	8 00	.....	.....	.....	.....	416
SHOES.....	180	\$17 36	\$0 55	\$7 35	49.4	\$10 27	50.6	\$4 52	\$383
Beaders.....	3	\$ 6 90	\$2 00	\$4 48	66.7	\$ 5 10	33.3	\$3 25	\$233
Box labeler.....	1	5 00	3 50	5 00	.....	.....	.....	.....	260
Burnishers.....	2	5 00	3 00	4 25	50.0	5 00	50.0	3 50	213
Caser.....	1	3 50	2 50	3 50	.....	.....	.....	.....	182
Cementers.....	2	4 25	1 50	3 68	50.0	4 25	50.0	3 10	191
Checker.....	1	12 15	4 40	9 40	.....	.....	.....	.....	489
Closers.....	5	14 70	4 90	7 65	40.0	8 58	60.0	7 03	398
Creaser.....	1	4 15	93	4 00	.....	.....	.....	.....	208
Cutters.....	11	10 00	2 50	6 73	44.4	9 00	55.6	4 83	350
Dressers.....	3	4 50	2 00	4 17	33.3	4 50	66.7	4 00	217
Eyetefters.....	2	9 90	6 00	8 70	50.0	8 90	50.0	8 50	452
Eyeteft fastener.....	1	12 00	1 96	12 00	.....	.....	.....	.....	634
Feeder.....	1	4 00	2 00	4 00	.....	.....	.....	.....	206
Fitter.....	1	17 05	4 40	13 35	.....	.....	.....	.....	694
Folders.....	10	13 60	1 44	7 70	60.0	9 06	40.0	5 65	400
Foxers.....	2	13 94	1 22	10 15	50.0	10 16	50.0	10 13	528
Hemmer.....	1	10 05	3 60	8 80	.....	.....	.....	.....	458

Table 35—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
Inkers .....	4	\$15 90	\$2 50	\$ 7 26	25.0	\$14 02	75.0	\$ 5 00	\$378
Lacers .....	3	3 50	2 00	2 83	33.3	3 50	66.7	2 50	147
Lining makers .....	2	15 17	1 95	11 14	50.0	12 14	50.0	10 14	579
Makers .....	4	10 15	3 00	5 89	50.0	7 63	50.0	3 75	296
Making rubber balls .....	1	15 22	6 68	12 06					627
Making soles .....	2	16 07	5 49	12 65	50.0	13 15	50.0	12 15	658
Maker .....	1	13 42	6 56	10 00					520
Matchers .....	2	8 29	1 64	7 15	50.0	7 50	50.0	6 80	372
Over seamer .....	1	15 85	5 47	13 50					702
Packers .....	2	4 50	3 00	4 38	50.0	4 50	50.0	4 25	229
Pasters .....	3	11 79	2 50	5 90	66.7	7 45	33.3	2 50	302
Punchers .....	3	9 70	55	4 73	66.7	5 60	33.3	3 00	246
Rubbing seamer .....	1	12 09	3 43	9 00					468
Seamers .....	2	13 03	3 00	7 50	50.0	11 00	50.0	4 00	390
Seam presser .....	1	3 75	3 00	3 75					195
Sewers .....	3	15 28	1 06	10 00					520
Sizers .....	2	5 18	1 45	4 00	50.0	5 00	50.0	3 00	208
Skivers .....	5	10 00	78	7 35	60.0	8 17	40.0	6 20	382
Sock liner .....	1	4 50	3 50	4 50					234
Sorters .....	2	3 00	85	3 00					156
Stampers .....	2	4 00	2 00	3 75	50.0	4 00	50.0	3 50	195
Stayers .....	2	12 25	4 10	9 08	50.0	9 35	50.0	8 80	472
Stay roller .....	1	8 20	4 00	8 20					426
Stitchers .....	40	17 36	85	7 65	45.0	11 17	55.0	4 78	398
Table hands .....	2	5 00	2 00	3 38	50.0	3 50	50.0	3 25	176
Tipplers .....	2	11 90	3 45	7 08	50.0	8 20	50.0	5 95	368
Toppers .....	3	17 40	5 35	11 55	66.7	13 28	33.3	7 80	601
Treer .....	1	4 25	3 00	4 25					221
Trimmers .....	13	15 91	85	6 29	38.5	10 20	61.5	3 94	326
Vampers .....	21	17 36	1 93	9 76	57.1	11 35	42.9	7 63	508
SOAP, TOILET ARTICLES, ETC.	79	\$14 04	\$0 23	\$6 56	51.9	\$7 80	48.1	\$5 23	\$341
Boxer .....	1	\$ 7 65	\$3 00	\$ 7 65					\$396
Checkers .....	2	7 50	5 00	6 75	50.0	\$ 7 50	50.0	6 00	351
Crimper .....	1	11 31	6 33	6 33					329
Fillers .....	2	8 25	3 50	6 50	50.0	7 50	50.0	5 50	338
Gold dust makers .....	3	7 40	30	4 67	33.3	4 80	66.7	4 60	343
Labelers .....	3	6 50	2 00	4 67	66.7	6 00	33.3	2 00	343
Machine operators .....	9	12 00	30	6 28	33.3	8 17	66.7	5 33	327
Nailers .....	2	11 93	55	6 00	50.0	6 62	50.0	5 27	312
Packers .....	3	10 91	1 60	5 62	33.3	7 66	66.7	4 60	292
Painters .....	3	12 93	84	5 69	33.3	8 06	66.7	4 50	296
Pasters .....	2	10 06	72	7 52	50.0	7 88	50.0	7 16	391
Perfumers .....	4	8 00	3 50	7 13	25.0	8 00	75.0	6 83	371
Polisher .....	1	14 04	48	10 07					524
Riveters .....	4	14 10	45	7 58	50.0	9 63	50.0	5 55	394
Solders .....	17	13 88	23	6 44	64.7	7 41	35.3	4 66	335
Wrappers .....	22	11 67	75	7 02	54.5	10 42	45.5	5 93	365
TACKS AND WIRE NAILS .....	13	\$8 00	\$2 95	\$5 58	53 8	\$6 29	46.2	\$4 75	\$291
Gluers .....	2	\$7 60	\$3 15	\$6 70					\$348
Packers .....	7	8 00	2 95	5 14	28.6	\$6 43	71.4	\$4 62	267
Tin cappers .....	4	7 85	3 50	5 80	50.0	6 03	50.0	5 58	302

Table 35—Continued.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week.	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
TELEPHONES .....	25	\$6 80	\$2 25	\$5 50	52.0	\$9 13	48.0	\$4 81	\$286
Attaching coils .....	1	\$ 4 00	\$2 25	\$3 55					\$185
Corders .....	3	5 95	2 55	5 25	33.3	5 95	66.7	\$4 90	273
Condenser .....	1	6 75	4 50	6 25					325
Helper .....	1	6 35	3 60	5 95					309
Insulators .....	3	6 80	4 15	6 20	66.7	6 65	33.3	5 30	322
Mounter .....	1	5 75	3 80	5 30					275
Platinum .....	1	6 25	2 85	6 20					332
Receiver workers .....	2	6 50	2 85	5 88	50.0	6 20	50.0	5 55	306
Runner .....	1	6 55	3 20	5 95					309
Switch hook maker .....	1	6 50	3 70	4 80					250
Transmitter .....	1	6 70	3 95	6 70					348
Winders .....	5	6 50	2 75	5 10	60.0	5 28	40.0	4 83	265
Wires .....	4	6 70	2 50	5 29	75.0	5 88	25.0	3 50	275
TENTS, AWNINGS AND CANVAS GOODS .....	10	\$11 30	\$3 65	\$8 35	60.0	\$9 83	40.0	\$6 13	\$434
Finisher .....	1	\$11 00	\$11 00	\$11 00					\$572
Seamstresses .....	9	11 30	3 65	8 06	55.6	\$9 60	44.4	\$6 13	419
UNDERWEAR, ETC .....	23	\$10 25	\$2 35	\$5 98	52.2	\$7 26	47.8	\$4 57	\$311
Golf ball makers .....	2	\$ 5 00	\$3 00	\$5 00					\$280
Hose support makers .....	2	6 33	4 00	4 83	50.0	\$5 15	50.0	\$4 50	251
Machine operators .....	16	10 25	2 35	6 22	43.8	7 98	56.2	4 86	323
Preparing work .....	1	6 56	5 00	5 00					280
Pressers .....	2	10 07	6 50	6 67	50.0	6 83	50.0	6 50	347
WATCHES .....	227	\$21 75	\$1 75	\$9 24	43.6	\$11 19	56.4	\$7 72	\$490
Adjusters .....	5	\$17 50	\$ 7 00	\$12 50	66.7	\$15 00	33.3	\$7 50	\$650
Baking bits .....	1	13 50	10 00	10 00					520
Balance poisers .....	8	16 25	4 00	9 96	50.0	11 17	50.0	8 75	518
Bench hands .....	12	15 00	2 75	8 16	58.3	9 43	41.7	6 37	424
Beveler .....	1	15 00	10 00	10 00					520
Blockers .....	4	15 00	2 50	10 25	50.0	11 50	50.0	8 50	526
Breaker .....	1	9 00	8 25	8 50					442
Brusher .....	1	6 25	4 25	6 25					325
Burrers .....	3	13 54	1 78	10 53	66.7	11 38	33.3	8 85	548
Cementor .....	1	10 00	5 00	9 00					468
Cleaners .....	2	11 00	4 00	8 13	50.0	10 00	50.0	6 25	428
Counter sinkers .....	7	16 04	4 29	8 86	50.0	10 12	50.0	7 59	459
Cutters .....	6	13 54	5 04	9 69	33.3	11 37	66.7	8 85	504
Damasceners .....	5	13 82	2 32	9 34	40.0	10 70	60.0	8 44	486
Distributor .....	1	14 32	10 54	12 64					660
Drillers .....	9	14 30	2 40	9 68	55.6	11 10	44.4	7 91	503
Enameler .....	1	6 87	6 87	6 87					357
Engraver .....	1	13 54	7 30	11 40					593
Facer .....	1	12 08	5 80	10 10					525
Filer .....	1	19 54	15 54	15 18					789
Finishers .....	6	17 10	3 35	9 20	66.7	12.01	33.3	8 18	478
Fitters .....	7	15 50	5 30	10 90	42.9	13.24	57.1	9 14	567
Grinders .....	2	13 30	2 28	9 48	50.0	10.10	50.0	8 86	493
Gaugers .....	3	11 80	2 75	7 69	66.7	9 48	33.3	4 12	400
Hair spring makers .....	3	14 30	5 04	10 12	66.7	10 75	33.3	8 86	521

Table 35—Concluded.

INDUSTRY AND OCCUPATION.	Number reporting.	RANGE OF WEEKLY EARNINGS FOR THE YEAR.		Average earnings for current week	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				Average yearly earnings for a full year, based on average earnings for current week.
		Highest.	Lowest.		MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		
					Number.	Earnings.	Number.	Earnings.	
WATCHES—Concluded.									
Jewel cutter .....	1	\$12 00	\$ 9 00	\$10 00					\$520
Jewel fitter .....	1	8 25	8 25	8 25					429
Jewel polishers .....	4	9 00	4 00	7 38	75.0	\$ 8 17	25.0	\$ 5 50	384
Jewel screwers .....	2	7 70	7 00	7 70					400
Jewel washer .....	1	12 60	7 54	11 40					593
Lap maker .....	1	15 07	13 04	13 90					723
Lathe workers .....	51	15 00	2 75	7 89	58.8	8 95	41.2	6 32	410
Lever placer .....	1	11 07	7 29	10 12					526
Millers .....	3	15 08	9 40	11 22					568
Numberers .....	2	9 28	4 54	7 54	50.0	7 58	50.0	7 50	392
Nickle platers .....	2	11 30	6 82	8 85					460
Oilers .....	3	15 64	5 80	11 35	66.7	12 03	33.3	10 00	590
Ornamenter .....	1	15 30	6 85	10 12					526
Pallet workers .....	2	10 75	6 99	8 83	50.0	8 85	50.0	8 80	459
Pinion cutter .....	1	11 00	7 06	10 00					520
Pinion maker .....	1	12 80	7 50	11 40					593
Pivoters .....	3	11 20	6 90	8 43	66.7	8 85	33.3	7 60	428
Polishers .....	11	16 50	3 29	9 88	63.6	11 01	36.4	7 92	514
Profiler .....	1	12 07	7 54	10 12					526
Puncher .....	1	16 04	7 08	11 40					593
Repairers .....	2	12 56	6 80	11 40					593
Screw blockers .....	2	7 50	2 75	5 88	50.0	7 00	50.0	3 75	306
Screw fitter .....	1	5 50	2 50	5 50					226
Screw placers .....	3	11 57	1 75	9 28	33.3	10 12	66.7	8 86	453
Screw makers .....	1	8 75	4 50	8 75					445
Spring gauger .....	1	9 57	9 57	9 57					498
Staker .....	1	11 19	4 62	8 85					460
Stampers .....	6	21 75	5 08	11 09	50.0	13 44	50.0	8 73	577
Stem fitters .....	4	11 29	6 29	9 16	25.0	10 12	75.0	8 84	476
Stripper .....	1	5 50	4 10	5 50					226
Stud maker .....	1	11 75	8 75	8 86					461
Swedgers .....	3	15 07	6 25	10 97	66.7	12 03	33.3	8 86	570
Swedge presser .....	1	5 50	5 00	5 50					226
Timers .....	3	11 04	7 00	7 95	33.3	8 86	66.7	7 50	413
Tool maker .....	1	14 57	12 00	13 39					696
Trainers .....	4	13 04	3 04	8 99	50.0	9 74	50.0	8 24	467
Transferrer .....	1	12 00	9 00	11 00					572
Turners .....	3	11 32	6 50	9 69	66.7	10 11	33.3	8 85	504
Washer .....	1	6 87	5 50	6 87					357
Weighter .....	1	13 29	8 08	11 38					592
Wind and set .....	1	15 40	8 08	11 40					593
WOOLEN GOODS .....	28	\$11 50	\$3 00	\$6 18	28.6	\$8 71	71.4	\$5 16	\$321
Back burlers .....	2	7 00	5 00	6 00					312
Card tenders .....	3	4 50	4 50	4 50					234
Card finisher .....	1	6 00	6 00	6 00					312
Drawer .....	1	8 10	8 10	8 10					421
Finishers .....	2	6 00	3 00	5 70	50.0	\$ 6 00	50.0	\$5 40	296
Measurer .....	1	6 60	6 60	6 60					343
Menders .....	4	5 40	5 40	5 40					281
Spinners .....	4	11 00	4 00	7 00	25.0	10 00	75.0	6 00	364
Spoolers .....	4	4 50	3 90	4 05	25.0	4 50	75.0	3 90	211
Warper .....	1	4 50	4 50	4 50					234
Weaver .....	5	11 50	6 00	9 00	80.0	10 00	20.0	8 00	468



Table 36 is a summary of Table 35, and, in addition, gives in a parallel columns with the annual earnings shown in table 35, the annual earnings secured from the records of all who were found to have been employed for a full year. A comparison of the amounts given in the two columns for the different industries will show that the annual incomes estimated on the actual weekly earnings for a selected week, correspond very nearly with the actual given earnings.

TABLE 36—Summary of Table 34—Average Yearly Earnings of All Working a Full Year, 50 and 52 Weeks; also the Yearly Earnings of the Same, Computed on the Earnings for the Week this Report Was Secured, by Industries.

INDUSTRIES.	Number of establishments.	Number persons reported for current week.	Average earnings for current week.	PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				AVERAGE YEARLY EARNINGS OF ALL WORKING FROM 50 TO 52 WEEKS DURING THE YEAR.		Possible yearly earnings for full year, based on the average earnings for the current week.
				MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.		Number.	Yearly earnings.	
				Number.	Weekly earnings.	Number.	Weekly earnings.			
All industries.....	86	2,258	\$7 49	46.9	\$9 59	53.1	\$5 53	1,303	\$356	\$386
Bakery.....	4	60	\$ 8 19	45.0	\$10 20	55.0	\$6 54	51	\$387	\$426
Binding twine, canvas, etc.	1	170	9 09	32.4	11 82	67.6	8 07	45	420	473
Blank books .....	1	4	4 51	50.0	4 98	50.0	4 05	4	235	235
Bonnets .....	1	19	5 96	42.1	7 83	57.9	4 60	18	322	310
Boots and shoes .....	3	39	7 93	56.4	9 65	43.6	5 70	.....	.....	412
Brooms .....	1	4	6 00	.....	.....	.....	.....	4	305	312
Chairs and baby carriages.....	1	15	7 22	60.0	8 61	40.0	5 15	15	386	375
Chewing gum .....	2	47	7 43	57.4	8 58	42.6	5 88	31	323	386
Cigars .....	6	82	9 76	36.6	13 92	63.4	7 37	60	459	508
Clothing.....	1	29	8 53	41.4	11 88	58.6	6 16	.....	.....	444
Confectionery .....	6	138	5 53	42.0	7 46	58.0	4 13	109	253	288
Druggists' sundries.....	1	37	7 31	40.5	9 77	59.5	5 63	21	355	380
Electrical goods .....	1	31	8 47	61.3	9 53	38.7	6 80	23	445	440
Gloves and mittens.....	1	45	7 69	42.2	9 49	57.8	6 37	27	387	400
Hardware specialties .....	1	10	6 44	40.0	8 01	60.0	5 40	4	283	335
Ink and mucilage.....	1	12	6 86	66.7	7 75	33.3	5 09	9	328	357
Jewelers' findings, etc....	1	16	5 34	56.3	5 81	43.7	4 74	13	251	278
Knit goods.....	2	68	7 21	39.7	9 74	60.3	5 55	55	339	375
Ladies' hats.....	1	7	9 54	28.6	16 40	71.4	6 79	3	358	496
Laundry .....	13	173	7 11	37.0	9 23	63 0	5 87	146	359	370

Table 36—Concluded.

INDUSTRIES.	Number of establishments.		Number persons reported for current week.		Average earnings for current week		PER CENT OF THE NUMBER AND AVERAGE WEEKLY EARNINGS OF ALL RECEIVING—				AVERAGE YEARLY EARNINGS OF ALL WORKING FROM 50 TO 52 WEEKS DURING THE YEAR.		Possible yearly earnings for full year, based on the average earnings for the current week.
							MORE THAN THE AVERAGE.		LESS THAN THE AVERAGE.				
							Number.	Weekly earnings.	Number.	Weekly earnings.	Number.	Yearly earnings.	
Letter files .....	1	13	\$10 60	53.8	\$12 54	46.2	\$8 34	12		\$470	\$551		
Meat packing .....	7	317	6 53	41.0	8 43	59.9	5 21	162		343	340		
Metal goods.....	3	66	7 71	48.5	10 01	51.5	5 54	35		340	401		
Overalls .....	1	19	5 25	42.1	6 63	57.9	4 25	12		274	273		
Paper boxes.....	9	172	6 78	48.3	8 42	51.7	5 26	114		319	353		
Pianos and organs.....	1	19	7 81	52.6	9 38	47.4	6 06	16		405	406		
Pipes and fittings.....	1	44	6 98	43.2	8 82	56.8	5 58	44		367	363		
Rubber goods .....	1	12	9 70	58.3	11 11	41.7	7 72	8		422	504		
Shoes and slippers.....	1	5	7 19	60.0	7 83	40.0	6 38	.....	.....	.....	374		
Shoes .....	3	180	7 37	49.4	10 27	40.6	4 52	143		330	383		
Soap, toilet articles, etc.	2	79	6 56	51.9	7 80	48.1	5 23	44		357	341		
Tacks and wire nails ....	1	13	5 58	53.8	6 29	46.2	4 75	3		276	291		
Telephones.....	1	25	5 50	52.0	6 13	48.0	4 81	.....	.....	.....	286		
Tents, awnings, etc .....	1	10	8 35	60.0	9 83	40.0	6 13	8		445	434		
Underwear.....	1	23	5 98	52.2	7 26	47.8	4 57	10		316	311		
Watches .....	2	227	9 24	43.6	11.19	56.4	7 72	46		521	480		
Woolen goods.....	1	28	6 18	23.6	8 71	71.4	5 16	8		283	321		



